

Safety Data Sheets

All Locations



District Warehouse

10/16/2020



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Revision Number: 006.0

Issue date: 01/19/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	LOCTITE 277 HIGH STRENGTH THREADLOCKER	IDH number:	88449
Product type:	Anaerobic Sealant	Item number:	27741
Restriction of Use:	None identified	Region:	United States
Company address:	Contact information:		
Henkel Corporation	Telephone: +1 (860) 571-5100		
Henkel Way One	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	1-877-671-4608 (toll free) or 1-303-592-1711		
	TRANSPORT EMERGENCY Phone: CHEMTREC		
	1-800-424-9300 (toll free) or 1-703-527-3887		
	Internet: www.henkelna.com		

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: CAUSES SKIN IRRITATION.
CAUSES SERIOUS EYE IRRITATION.
MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	2

PICTOGRAM(S)



Precautionary Statements

Prevention:	Do not breathe vapors, mist, or spray. Wash affected area thoroughly after handling. Wear protective gloves, eye protection, and face protection.
Response:	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if you feel unwell. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.
Storage:	Not prescribed
Disposal:	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

IDH number: 88449

Product name: LOCTITE 277 HIGH STRENGTH THREADLOCKER
Page 1 of 6

Hazardous Component(s)	CAS Number	Percentage*
Cumene hydroperoxide	80-15-9	1 - 5
Saccharin	81-07-2	1 - 5
Cumene	98-82-8	0.1 - 1

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin contact:	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
Symptoms:	See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special firefighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.
Unusual fire or explosion hazards:	Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.
Hazardous combustion products:	Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapours.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	Do not allow product to enter sewer or waterways.
Clean-up methods:	Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

7. HANDLING AND STORAGE

- Handling:** Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed. Refer to Section 8.
- Storage:** For safe storage, store at or below 38 °C (100.4 °F)
Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Cumene hydroperoxide	None	None	1 ppm (6 mg/m ³) TWA (SKIN)	None
Saccharin	None	None	None	None
Cumene	50 ppm TWA	50 ppm (245 mg/m ³) PEL (SKIN)	None	None

- Engineering controls:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
- Respiratory protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
- Eye/face protection:** Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available.
- Skin protection:** Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Liquid
- Color:** Red
- Odor:** Characteristic
- Odor threshold:** Not available.
- pH:** Not applicable
- Vapor pressure:** < 5 mm hg (27 °C (80.6 °F))
- Boiling point/range:** > 149 °C (> 300.2 °F)
- Melting point/ range:** Not available.
- Specific gravity:** 1.1
- Vapor density:** Not available.
- Flash point:** > 93.3 °C (> 199.94 °F) Tagliabue closed cup
- Flammable/Explosive limits - lower:** Not available.
- Flammable/Explosive limits - upper:** Not available.
- Autoignition temperature:** Not available.
- Flammability:** Not applicable
- Evaporation rate:** Not available.
- Solubility in water:** Slight
- Partition coefficient (n-octanol/water):** Not available.
- VOC content:** 0.71 %; 7.13 g/l (California SCAQMD Method 316B) (Estimated)
- Viscosity:** Not available.
- Decomposition temperature:** Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous reactions:	None under normal processing. Polymerization may occur at elevated temperature or in the presence of incompatible materials.
Hazardous decomposition products:	Oxides of carbon. Oxides of sulfur. Oxides of nitrogen. Irritating organic vapours. Phenolics.
Incompatible materials:	Strong acids and oxidizing agents. Copper. Rust. Iron. Oxygen scavengers. Strong alkalis. Reducing agents. Other polymerization initiators.
Reactivity:	Not available.
Conditions to avoid:	Elevated temperatures. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation:	Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Skin contact:	Causes skin irritation.
Eye contact:	Causes serious eye irritation.
Ingestion:	May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Cumene hydroperoxide	Inhalation LC50 (Mouse, 4 h) = 200 mg/l	Allergen, Central nervous system, Corrosive, Irritant, Mutagen
Saccharin	Oral LD50 (Mouse) = 17 g/kg	No Target Organs
Cumene	Oral LD50 (Rat) = 2.91 g/kg Oral LD50 (Rat) = 1,400 mg/kg Inhalation LC50 (Rat, 4 h) = 8000 ppm	Central nervous system, Irritant, Lung

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Cumene hydroperoxide	No	No	No
Saccharin	No	No	No
Cumene	Reasonably Anticipated to be a Human Carcinogen.	Group 2B	No

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.
Hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: RQ, Environmentally hazardous substance, liquid, n.o.s.
Hazard class or division: 9
Identification number: UN 3082
Packing group: III
DOT Hazardous Substance(s): alpha,alpha-Dimethylbenzylhydroperoxide

International Air Transportation (ICAO/IATA)

Proper shipping name: RQ, Environmentally hazardous substance, liquid, n.o.s.
Hazard class or division: 9
Identification number: UN 3082
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Hazard class or division: 9
Identification number: UN 3082
Packing group: III
Additional information: IMDG-Code: Segregation group 1- Acids

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification: None above reporting de minimis
CERCLA/SARA Section 302 EHS: None above reporting de minimis.
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health
CERCLA/SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Cumene hydroperoxide (CAS# 80-15-9). Saccharin (CAS# 81-07-2).
CERCLA Reportable quantity: Cumene hydroperoxide (CAS# 80-15-9) 10 lbs. (4.54 kg)
California Proposition 65: This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status: Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 2

Prepared by: Product Safety and Regulatory Affairs

Issue date: 01/19/2018

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There was a problem getting the SDS for -

Product Name: 457 LACQUER THINNER

CAS Number:

Manufacturer: SUNNYSIDE CORPORATION

SDS Date: 3/21/2012

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

There was a problem getting the SDS for -

Product Name: BAR'S LEAKS LIQUID

CAS Number:

Manufacturer: Bar's Products International, Ltd.

SDS Date: 5/8/2016

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

There was a problem getting the SDS for -

Product Name: CARBOMASTIC 90 EPOXYMASTIC PART B

CAS Number:

Manufacturer: Carboline Company

SDS Date: 8/4/2011

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Christy's® Ultra Seal Pipe Thread Sealant **SYNONYMS:**

PRODUCT USE: Pipe Thread Sealant

SUPPLIER and MANUFACTURER: T Christy Enterprises, Inc.
655 East Ball Road, Anaheim, CA 92805-5910
Tel. 1-714-507-3300 (North America)
Tel. 1-714-507-3300 (International)

EMERGENCY: Transportation/Medical issues: Tel. 800.535.5053 INFOTRAC

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Swallowed	Health Category 4	Acute Toxicity:	Environmental None Known	Flammable Liquid/Aerosol/Gas:	Physical Unknown
Inhaled	Category 4	Chronic Toxicity:	None Known		
Skin Corrosion/Irritation:	Category 2				
Eye:	Category 2A				

Signal Word: **Warning** **GHS LABEL:** **WHMIS CLASSIFICATION:** CONTROLLED PRODUCT CLASS D, DIVISION 2B

Hazard Statements H319 Causes Serious eye irritation H315 Causes skin irritation H302 Harmful if swallowed H332 Harmful if inhaled H336 May cause drowsiness or dizziness	Precautionary Statements (See Section 15 for all advisory and required precautions) P261 Avoid breathing vapours P264 Wash hands thoroughly after handling. P270 Do not eat, drink, or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves and eye protection P304 + P340 IF INHALED: remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P332+P337+P313 If eye or skin irritation persists- get medical advice/attention P302+P352 IF ON SKIN: Wash with plenty of water P362+P364 Take off contaminated clothing and wash it before reuse. P405 Store locked up P330 Rinse mouth P501 Dispose of contents/container in accordance with local regulations.
Inhalation: May cause irritation to mucous membranes and upper respiratory tract. In high concentrations, vapors and aerosol mists have a narcotic effect and may cause headache, central nervous system depression, fatigue, dizziness, and nausea. Severe overexposure may cause red blood cell damage. Chronic: Repeated exposure may result in blood, liver, or kidney damage.	
Ingestion: May cause irritation of the digestive tract, stomach pain, nausea, and vomiting.	
Skin Contact: May be absorbed through the skin during prolonged or repeated contact, causing irritation, dermatitis, weakness, headache and nausea.	
Eye Contact: Exposure to vapors or liquid may cause eye irritation	
Carcinogenic: The IARC and ACGIH designate Ethylene glycol butyl ether and Isopropyl alcohol as category 3 - confirmed animal carcinogen with unknown relevance to humans.	

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

	CAS#	EINECS #	REACH Pre-registration Number	CONCENTRATION % by Weight
Ethylene glycol butyl ether*	111-76-2			12-17
Isopropyl alcohol*	67-63-0	203-726-8	05-2116297729-22-0000	10-15

*This chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).

SECTION 4 - FIRST AID MEASURES

Contact with eyes: Remove contact lenses if any. If eye irritation persists consult physician after flushing eyes with tepid water for 15 minutes

Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.

Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.

Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

SECTION 5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, foam, CO2 or dry powder	HMIS	NFPA	0-Minimal
Unsuitable Extinguishing Media:	Water stream	Health	1	1 1-Slight
Exposure Hazards:	Carbon oxides	Flammability	1	1 2-Moderate
Specific Hazards	Intense heat may cause violent rupture or container	Reactivity	0	0 3-Serious
Protection for Firefighters:	Self-contained breathing apparatus or full-face positive pressure airline masks.			H 4-Severe

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Immediately contact emergency personnel. Evacuate any potentially affected area.
Ventilate closed spaces before entering them. Vapor can collect in lower areas.

Environmental Precautions: Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.

Methods for Cleaning up: Clean up with sand or other inert absorbent material. Transfer to a closable metal container

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of vapor, avoid contact with eyes, skin and clothing.
Use with adequate ventilation. Always open containers slowly to allow any excess pressure to vent.
Do not eat; drink or smoke while handling. Wash thoroughly with soap and water after handling.

Storage: Store in ventilated room or shade below 27°C (80°F) and away from direct sunlight.
Keep all containers tightly closed when not in use.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL:
	Ethylene Glycol Butyl ether	20 ppm		50 ppm	
	Isopropyl alcohol	200 ppm	400 ppm	400 ppm	500 ppm

Engineering Controls: Local exhaust ventilation is preferable. General ventilation is acceptable if under applicable exposure limits.

Personal Protective Equipment (PPE):

Eye Protection: Wear safety spectacles with unperforated side shields, or goggles.

Skin Protection: Wear impervious clothing and gloves to prevent contact.

Hygiene Measures Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove contaminated clothing and launder before reuse.

Respiratory Protection: If under applicable exposure limits, seek professional advice prior to respirator selection and use.
For concentrations less than 10 times the exposure limits, wear a properly fitted NIOSH/MSHA-approved respirator with organic vapor cartridges.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White Paste	Odor Threshold:	N/A
Odor:	Mild odor	Boiling Range:	N/A
P.H.	Not Applicable	Evaporation Rate:	0.6
Melting/Freezing Point:	Not Applicable	Flammability:	N/A
Boiling Point:	Not Applicable	Flammability Limits:	LEL: 1.1% UEL: 12.7%
Flash Point:	Above 200° F, UN test N.1	Vapour Pressure:	0.88 mm Hg at 68° F
Specific Gravity	1.41	Vapour Density:	<1 (Air = 1)
Solubility:	Slight	Other Data:	Viscosity:
Partition Coefficient n-octanol/water:	Not Available		
Auto-ignition Temperature:	494°C (921°F)		
Decomposition Temperature:	Not Applicable		
VOC Content :	When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is: ≤310 g/l.		

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Hazardous decomposition products:	By fire, Carbon dioxide, acids, alkalies, peroxides
Possibly hazardous reactions:	Vapors may form an explosive mixture with air.
Conditions to avoid:	Heat, flames, sparks, temperature extremes, and direct sunlight
Incompatible Materials:	Strong oxides, chlorine, acids, alkalies, peroxides

SECTION 11 - TOXICOLOGICAL INFORMATION**Likely Routes of Exposure:****Acute symptoms and effects:**

Excessive exposure leads to depression of the central nervous system. Causes eye irritation, moderate skin irritation

Chronic (long-term) effects:

The IARC and ACGIH designates Ethylene glycol Ether and Isopropyl alcohol as category 3 confirmed animal carcinogen with unknown relevance to humans. Repeated or prolonged exposure in excess of exposure limits in Section 8 may cause damage to the lungs, liver, blood, and kidney.

Toxicity:

	LD ₅₀	LC ₅₀
Ethylene glycol butyl ether	Oral: 1746 mg/kg (rat), Dermal 2000 mg/kg (rat)	Inhalation 7 hrs. 7,000 PPM (rat)
Isopropyl alcohol	Oral: 5,045 mg/kg (rat), Dermal: 12,800 mg/kg (rabbit)	Inhalation 8 hrs. 16,000 PPM (rat)

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Available	Not Applicable	Not Applicable	Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity effects: LC₅₀ Harlequin fish, Red rasbora 96-hour 4,200 mg/l
LC₅₀ Fathead minnow 96-hour 9,640 to 10,000 mg/l
EC₅₀ Water flea 48-hour 1,550 mg/l

Degradability: Expected to be readily biodegradable

Persistence: The estimated half-life (2-Butoxyethanol) in groundwater ranges from 14 days to 8 weeks; and in soil 7 days to 4 weeks

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

This product is not a hazardous waste as defined under RCRA 40 CFR 261. Do not incinerate a closed container. Disposal of this material must be done in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORT INFORMATION**DOT, IATA, ADR, IMO/MDG SHIPPING INFORMATION**

Proper Shipping Name:	N/A	This material is not regulated under DOT when transported via U.S. commerce routes; and IATA, and IMO via international routes.
Hazard Class:	N/A	
Secondary Risk	None	
Identification Number:	N/A	
Packing Group:	N/A	
Label Required:	N/A	
Marine Pollutant:	NO	

TDG INFORMATION

TDG CLASS:	N/A
SHIPPING NAME:	N/A
UN NUMBER:	N/A

SECTION 15 - REGULATORY INFORMATION

U.S TSCA Chemical inventory Section 8(b) This product is determined to be hazardous as defined in the OSHA Hazard Comm. Standard (29 CFR 1910.1200)

CERCLA No ingredient

SARA TITLE III

Acute health hazard: Yes
Chronic health hazard: Yes
Fire Hazard: No
Reactive Hazard: No
Pressure Hazard: No

California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16 - OTHER INFORMATION**Specification Information:**

Department issuing data sheet:	Environmental Health & Safety	All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).
e-mail address:	<EHSinfo@tchristy.com>	
Training necessary:	Yes, training in practices and procedures contained in product literature.	
Reissue date / reason for reissue:	FEB 2015/ Updated GHS Information	
Intended Use of Product:	Pipe Thread Sealant	

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

There was a problem getting the SDS for -

Product Name: Hydrochloric Acid 7% – 35%

CAS Number:

Manufacturer: BASIC CHEMICAL SOLUTIONS

SDS Date: 10/10/2003

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

There was a problem getting the SDS for -

Product Name: KRYLON Industrial QUIK-MARK Water-Based Inverted Marking Paint (APWA) Black

CAS Number:

Manufacturer: Krylon Products Group

SDS Date: 11/5/2019

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

There was a problem getting the SDS for -

Product Name: KRYLON Industrial QUIK-MARK Solvent-Based Inverted Marking Paint (APWA) Blue

CAS Number:

Manufacturer: Krylon Products Group

SDS Date: 2/9/2020

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

There was a problem getting the SDS for -

Product Name: KRYLON Industrial QUIK-MARK Solvent-Based Inverted Marking Paint (APWA) Utility White

CAS Number:

Manufacturer: Krylon Products Group

SDS Date: 11/27/2019

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

There was a problem getting the SDS for -

Product Name: Jasco Premium Paint and Epoxy Remover

CAS Number:

Manufacturer: W. M. Barr

SDS Date: 4/17/2015

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

There was a problem getting the SDS for -

Product Name: MANGO PLUS LIQUID ENZYMES

CAS Number:

Manufacturer: WAXIE SANITARY SUPPLY

SDS Date: 9/12/2005

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

Jasco / Bix Premium Paint & Epoxy Remover

Printed: 05/11/2015

Revision: 05/09/2015

Supersedes Revision: 08/11/2008

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Jasco / Bix Premium Paint & Epoxy Remover	
Company Name:	W. M. Barr 2105 Channel Avenue Memphis, TN 38113	Phone Number: (901)775-0100
Web site address:	www.wmbarr.com	
Emergency Contact:	3E 24 Hour Emergency Contact	(800)451-8346
Information:	W.M. Barr Customer Service	(800)398-3892
Intended Use:	Paint remover	
Synonyms:	0201-1, 0202-1, 0202-30-6, 0203-1, 0203-30-02, 0204-1, GJPR10003	
Additional Information	This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.	

2. HAZARDS IDENTIFICATION

Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 3
Acute Toxicity: Inhalation, Category 3
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Germ Cell Mutagenicity, Category 1B
Carcinogenicity, Category 1B
Specific Target Organ Toxicity (single exposure), Category 1



GHS Signal Word: Danger

GHS Hazard Phrases:

- H302: Harmful if swallowed.
- H311: Toxic in contact with skin.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H331: Toxic if inhaled.
- H340: May cause genetic defects.
- H350: May cause cancer.
- H370: Causes damage to organs.

GHS Precaution Phrases:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P260: Do not breathe gas/mist/vapors/spray.
- P264: Wash hands thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P281: Use personal protective equipment as required.

GHS Response Phrases:

- P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+352: IF ON SKIN: Wash with plenty of soap and water.
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position

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comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P307+311: IF exposed: Call a POISON CENTER or doctor/physician.

P308+313: IF exposed or concerned: Get medical attention/advice.

P311: Call a POISON CENTER or doctor/physician.

P321: Specific treatment see label.

P322: Specific measures see label.

P330: Rinse mouth.

P332+313: If skin irritation occurs, get medical advice/attention.

P337+313: If eye irritation persists, get medical advice/attention.

P361: Remove/Take off immediately all contaminated clothing.

P363: Wash contaminated clothing before reuse.

P403+233: Store container tightly closed in well-ventilated place.

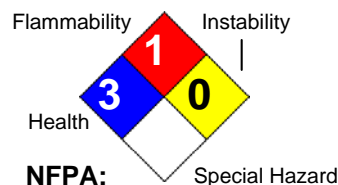
P405: Store locked up.

P501: Dispose of contents/container according to local, state and federal regulations.

GHS Storage and Disposal Phrases:

Hazard Rating System:

HEALTH	*	3
FLAMMABILITY		1
PHYSICAL		0
PPE		X



HMIS:

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Potential Health Effects (Acute and Chronic):

The most significant routes of occupational overexposure are inhalation and contact with skin and eyes. The symptoms of overexposure to this product are as follows:

INHALATION: Vapors, mists or sprays of this solution may cause irritation to the respiratory tract. This product can cause central nervous system depression when inhaled, which can result in mental confusion, light-headedness, fatigue, nausea, vomiting, and headache. Methylene chloride, a component of this product, can cause adverse effects on the cardiovascular system. Though not anticipated under normal circumstances of use, exposure to high levels of this product's vapors can cause unconsciousness or death.

SKIN ABSORPTION: Methyl Alcohol, a component of this product, can potentially be absorbed through the skin.

CONTACT WITH SKIN or EYES: Prolonged or repeated skin contact can cause burns and dermatitis. The liquid and vapors of this product can cause eye irritation; contact can lead to pain, inflammation, and temporary eye damage.

INGESTION: DO NOT SWALLOW OR TAKE INTERNALLY! Though an unlikely route of occupational exposure, if this product is swallowed, gastric discomfort could occur. Symptoms of ingestion exposure include irritation of the throat, esophagus, and other tissues of the digestive system. Ingestion of this product may cause blindness. Severe ingestion overexposures can be fatal.

INJECTION: Accidental injection of this product can cause burning, reddening, and swelling in addition to the wound.

Medical Conditions Generally Aggravated By Exposure:

Persons with pre-existing skin disorders, eye problems, impaired liver, kidney, respiratory or lymphoid system function can be more susceptible to health effects associated with overexposures to this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration	RTECS #
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	60.0 -100.0 %	PA8050000
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	10.0 -30.0 %	PC1400000
8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	1.0 -5.0 %	WJ8925000
64742-43-4	Paraffin waxes (petroleum), clay-treated	1.0 -5.0 %	NA
9032-42-2	Cellulose, 2-hydroxyethyl methyl ether	0.5 -1.5 %	NA

Additional Chemical Information Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:	<p>Victims of chemical exposure must be taken for medical attention if any adverse effects occur. Take a copy of label and MSDS to physician or health professional with victim.</p> <p>SKIN EXPOSURE: If this product contaminates the skin, immediately begin decontamination with running water. Remove exposed or contaminated clothing. Victim must seek immediate medical attention if any adverse exposure symptoms develop.</p> <p>EYE EXPOSURE: If this product enters the eyes, open victim's eyes while under gently running water. Use sufficient force to open eyelids. Have victim "roll" eyes. Minimum flushing is for 15 minutes. Victim must seek medical attention.</p> <p>INHALATION: If vapors, mists, or sprays of this product are inhaled, remove victim to fresh air. Victim must seek immediate medical attention if any adverse exposure symptoms develop. If necessary, use artificial respiration to support vital functions. Remove or cover gross contamination to avoid exposure to rescuers.</p> <p>INGESTION: If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. DO NOT INDUCE VOMITING, unless directed by medical personnel. Have victim rinse mouth with water, if conscious. Never induce vomiting or give a diluent (e.g., water) to someone who is unconscious, having convulsions, or unable to swallow. If contaminated individual is convulsing, maintain an open airway and obtain immediate medical attention.</p>
Signs and Symptoms of Exposure:	<p>HEALTH EFFECTS OR RISKS FROM EXPOSURE: An Explanation in Lay Terms.</p> <p>ACUTE: Depending on the duration of contact, overexposures can irritate the eyes, skin, mucous membranes or other exposed tissue. Inhalation overexposure can result in central nervous system depression, dizziness, fatigue, vomiting, and headaches. These symptoms of exposure generally alleviated when overexposure ends. Overexposures by all routes of entry can cause blindness. Severe inhalation and ingestion overexposures can be fatal.</p> <p>CHRONIC: Prolonged or repeated skin overexposure to this product can cause dermatitis. Methylene Chloride, a component of this product, may cause cancer. Long-term exposure to Methylene Chloride may lead to neurological effects such as memory loss, speech and balance problems.</p> <p>TARGET ORGANS: Acute: Eyes, skin, central nervous system, respiratory system, and the optic nerve. Chronic: Blood, liver, and cardiovascular system.</p>
Note to Physician:	<p>Treat symptoms and eliminate overexposure. Provide oxygen, if necessary. Pulmonary function tests, chest X-rays, and nervous system evaluations can prove useful. Consultation with an ophthalmologist is recommended if eye exposure leads to tissue damage.</p>

5. FIRE FIGHTING MEASURES

Flash Pt:	NE
Explosive Limits:	LEL: 1 % UEL: 36%
Autoignition Pt:	NA
Suitable Extinguishing Media:	Use extinguishing material suitable to the surrounding fire.
Fire Fighting Instructions:	Use water spray, foam, halon, carbon dioxide, and dry chemical. Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Move containers from fire area if it can be done without risk to personnel. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.
Flammable Properties and Hazards:	This material will not significantly contribute to the intensity of a fire. Methylene Chloride, the main component of this product, is a fire suppressant. The product requires considerable pre-heating before ignition and combustion will occur. Use extinguishing material suitable to the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:	<p>SPILL AND LEAK RESPONSE: Trained personnel using pre-planned procedures should respond to uncontrolled releases. Proper protective equipment should be used. In case of a spill, clear the affected area and protect people. Fire extinguishing media should be readily accessible to responders.</p> <p>RESPONSE TO INCIDENTAL RELEASES: Personnel who have received basic chemical safety training can generally handle small-scale releases, such as 1 container of this product. Respond to incidental chemical releases by wearing gloves, goggles, and appropriate body protection.</p> <p>RESPONSE TO NON-INCIDENTAL RELEASES: Respond to non-incident chemical releases of this product, such as the simultaneous puncturing of several containers, by clearing the impacted area and contacting appropriate emergency personnel. Clean up should only be done by qualified personnel. Responders should wear the level of protection appropriate to the type of chemical released, the volume of the material spilled, and the location where the incident has occurred. Minimum Personal Protective Equipment should be Level B: triple-gloves, chemical resistant apron, boots, and splash goggles and Self-Contained Breathing Apparatus. Level B should also be used when oxygen levels are below 19.5% or are unknown.</p> <p>RESPONSE EQUIPMENT AND PROCEDURES: Spark-proof tools and equipment should be utilized. Absorb spilled liquid with polypads or other suitable absorbent materials. Decontaminate the area thoroughly. Prevent spill rinsate from contamination of storm drains, sewers, soil or groundwater. Place all spill residues in a suitable container and seal. Dispose of in accordance with applicable U.S. Federal, State, or local procedures or appropriate standards of Canada (see Section 13, Disposal Considerations)</p>
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7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after using this product. Do not eat or drink while using this material. Avoid generating mists and sprays of this product. Remove contaminated clothing immediately.

Precautions To Be Taken in Storing: STORAGE AND HANDLING PRACTICES: All employees who handle this material should be trained to use it safely. Open containers carefully on a stable surface. Empty containers may contain residual liquid; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Store away from incompatible materials (see Section 10, Stability and Reactivity). Keep container tightly closed when not in use. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	PEL: 25 ppm STEL: 125 ppm (15 min)	TLV: 50 ppm	No data.
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.
8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	PEL: 500 ppm	TLV: 100 ppm	No data.
64742-43-4	Paraffin waxes (petroleum), clay-treated	No data.	No data.	No data.
9032-42-2	Cellulose, 2-hydroxyethyl methyl ether	No data.	No data.	No data.

Respiratory Equipment (Specify Type): RESPIRATORY PROTECTION: None needed under normal conditions of use. Use NIOSH approved respirators if ventilation is inadequate to control dusts, mists, fumes or vapors. Maintain airborne contaminate concentrations below guidelines listed in Section 2 (Composition and Information on Ingredients). Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres use of a full-face-piece pressure/demand SCBA or a full face-piece, supplied air respirator with auxiliary self-contained air supply is required under OSHA's Respiratory Protection Standard (29 CFR 1910.134). The following NIOSH Respiratory Protection Guidelines are applicable to Methylene Chloride (the main component of this product) and are provided for additional information:

At Any Detectable Concentration (due to potential its status as a potential carcinogen): Positive pressure, full-face-piece Self Contained Breathing Apparatus; or positive pressure, full-face-piece supplied-air respirator with an auxiliary positive-pressure Self Contained Breathing Apparatus.

Escape: Gas-mask with organic vapor canister; or escape-type Self Contained Breathing Apparatus.

Eye Protection: EYE PROTECTION: For consumer use, wearing eye protection (such as splash goggles) is advisable. However, for specific industrial applications, enhanced eye protection may be necessary. Use approved safety goggles or safety glasses, as described in OSHA 29 CFR 1910.133. If necessary, refer to U.S. OSHA 29 CFR

	1910.133, or appropriate Canadian standards.
Protective Gloves:	HAND PROTECTION: For consumer use, wearing protective gloves is recommended. For specific industrial applications, wear chemical impervious gloves (e.g., Neoprene, nitrile). If necessary, refer to U.S. OSHA 29 CFR 1910.138 or the appropriate standards of Canada.
Other Protective Clothing:	BODY PROTECTION: For consumer use, no specific body protection is normally needed. For specific industrial applications, body protection is not normally needed. Use body protection appropriate for task (e.g., Tyvek suit, rubber apron). If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.
Engineering Controls (Ventilation etc.):	VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided in Section 2 (Composition and Information on Ingredients). Ensure eyewash/safety shower stations are available near areas where this product is used.
Work/Hygienic/Maintenance Practices:	PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: Follow practices indicated in Section 6 (Accidental Release Measures). Make certain that application equipment is locked and tagged-out safely if necessary. Collect all rinsates and dispose of according to applicable U.S. Federal, State, or local procedures or appropriate Canadian standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
Appearance and Odor:	NOTE: The chemical and physical properties are for Methylene Chloride, the main component of this product, except for VOC and % VOC, which are values for the product. Appearance and Odor: Water-white to amber liquid with a pungent, ether-like odor. Odor Threshold: 150 ppm
Melting Point:	-142.00 F
Boiling Point:	103.60 F
Autoignition Pt:	NA
Flash Pt:	NE
Explosive Limits:	LEL: 1 % UEL: 36%
Specific Gravity (Water = 1):	1.19
Vapor Pressure (vs. Air or mm Hg):	400 MM HG at 24.0 C
Vapor Density (vs. Air = 1):	2.93
Evaporation Rate:	27.5
Solubility in Water:	Moderately
pH:	NA
Percent Volatile:	13.7 % by weight.
VOC / Volume:	661.0000 G/L

10. STABILITY AND REACTIVITY

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Avoid contact with incompatible chemicals.
Incompatibility - Materials To Avoid:	This product is not compatible with strong acids, oxidizers and bases. Components of this product may attack some forms of plastic, rubber, metal and coatings.
Hazardous Decomposition or Byproducts:	Thermal decomposition of this product may generate irritating fumes, and toxic gases (e.g., Hydrogen Chloride, Carbon monoxide and Carbon dioxide). Methylene chloride, a component of this product, slowly decomposes to form Hydrogen chloride upon prolonged contact with water.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information:	This product has not been tested as a whole. Refer to section 2 for acute and chronic health effects.
Carcinogenicity/Other Information:	<p>CAS# 75-09-2: Tumorigenic Effects:, TCLo, Inhalation, Rat, 3500. PPM, 6 Y. Result: Tumorigenic: Carcinogenic by RTECS criteria. Endocrine: Tumors. - Fundamental and Applied Toxicology., Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 4,30, 1984</p> <p>Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Severe. Result: Effects on Newborn: Growth statistics (e.g., reduced weight gain). Effects on Newborn: Physical. - Union Carbide Data Sheet, Union Carbide Corp., 39 Old Ridgebury Rd., Danbury, CT 06817, Vol/p/yr: 4/25, 1958</p> <p>Standard Draize Test, Skin, Species: Rabbit, 810.0 MG, 24 H, Severe. Result: Specific Developmental Abnormalities: Musculoskeletal system. - European Journal of Toxicology and Environmental Hygiene., For publisher information, see TOERD9, Paris France, Vol/p/yr: 9,171, 1976</p>

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	Possible	2B	A3	Yes
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	n.a.	n.a.	n.a.	n.a.
8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	n.a.	n.a.	n.a.	n.a.
64742-43-4	Paraffin waxes (petroleum), clay-treated	n.a.	n.a.	n.a.	n.a.
9032-42-2	Cellulose, 2-hydroxyethyl methyl ether	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: This product has not been tested as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: PREPARING WASTES FOR DISPOSAL: Consumer Waste: Dispose of according to pertinent state and local household waste and requirements. Industrial Use: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations or with regulations of Canada. This product, if unaltered by the handling, may be disposed of by treatment at a permitted facility or as advised by your local waste regulatory authority.

EPA WASTE NUMBER: The specific RCRA codes depend on the exact nature of the discarded material. The following waste codes are applicable to wastes consisting only of this product: F002 (spent halogenated solvents).

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Paint related material
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN3066 **Packing Group:** II



Additional Transport Information:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	No	Yes 1000 LB	Yes
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	No	Yes 5000 LB	Yes
8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	No	No	No
64742-43-4	Paraffin waxes (petroleum), clay-treated	No	No	No
9032-42-2	Cellulose, 2-hydroxyethyl methyl ether	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Acute (immediate) Health Hazard
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Chronic (delayed) Health Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
75-09-2	Dichloromethane {Methylene chloride; R-30; Freon 30}	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes
67-56-1	Methanol {Methyl alcohol; Carbinol; Wood alcohol}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes

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Supersedes Revision: 08/11/2008

8052-41-3	Stoddard solvent {Mineral spirits; Aliphatic Petroleum Distillates; White spirits}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
64742-43-4	Paraffin waxes (petroleum), clay-treated	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
9032-42-2	Cellulose, 2-hydroxyethyl methyl ether	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

16. OTHER INFORMATION

Revision Date: 05/09/2015

Preparer Name: W.M. Barr EHS Dept (901)775-0100

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

There was a problem getting the SDS for -

Product Name: HASA 12.5% SODIUM HYPOCHLORITE SOLUTION

CAS Number: 7681-52-9

Manufacturer: HASA Inc

SDS Date: 7/1/2018

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

There was a problem getting the SDS for -

Product Name: 1 SPEEDBALL Heavy Duty Spray Cleaner Ready-to-Use

CAS Number:

Manufacturer: The Butcher Company

SDS Date: 6/25/2003

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

There was a problem getting the SDS for -

Product Name: Waterplug

CAS Number:

Manufacturer: BASF CORPORATION

SDS Date: 5/20/2019

To complete your binder, please upload a different SDS for this product or remove the SDS from your binder.

We are currently researching solutions to this issue. Thank you for your patience.

The document may be a secured document. Delete the existing record. Unsecure the document and upload again

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® CLEANER ORIGINAL

Version 1.3

Print Date 03/09/2018

Revision Date 01/23/2018

SDS Number 350000014153

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : WINDEX® CLEANER ORIGINAL

Recommended use : Hard Surface Cleaner

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +1-800-558-5252

Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour International Emergency Phone: (703)527-3887
24 Hour Transport Emergency Phone: (800)424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Labelling

Precautionary statements

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain hazardous chemicals at or above a reportable level as defined by OSHA 29 CFR 1910.1200

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® CLEANER ORIGINAL

Version 1.3

Print Date 03/09/2018

Revision Date 01/23/2018

SDS Number 350000014153

4. FIRST AID MEASURES

Description of first aid measures

- Eye contact** : No special requirements
- Skin contact** : No special requirements
- Inhalation** : No special requirements.
- Ingestion** : No special requirements

Most important symptoms and effects, both acute and delayed

- Eyes** : No adverse effects expected when used as directed.
- Skin effect** : No adverse effects expected when used as directed.
- Inhalation** : No adverse effects expected when used as directed.
- Ingestion** : No adverse effects expected when used as directed.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting** : Container may melt and leak in heat of fire.
- Further information** : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® CLEANER ORIGINAL

Version 1.3

Print Date 03/09/2018

Revision Date 01/23/2018

SDS Number 350000014153

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

- Handling**
- Precautions for safe handling** : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
KEEP OUT OF REACH OF CHILDREN AND PETS.
- Advice on protection against fire and explosion** : Normal measures for preventive fire protection.
- Storage**
- Requirements for storage areas and containers** : Keep container closed when not in use.
- Other data** : Stable under normal conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure Limits**
ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.
- Personal protective equipment**
- Respiratory protection** : No special requirements.
- Hand protection** : No special requirements.
- Eye protection** : No special requirements.
- Skin and body protection** : No special requirements.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® CLEANER ORIGINAL

Version 1.3

Print Date 03/09/2018

Revision Date 01/23/2018

SDS Number 350000014153

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : blue

Odour : floral

Odour Threshold : Test not applicable for this product type

pH : 10.7
at (25 C)

Melting point/freezing point : 0 C

Initial boiling point and boiling range : 100 C

Flash point : does not flash

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : Does not sustain combustion.

Upper/lower flammability or explosive limits : Test not applicable for this product type

Vapour pressure : Calculated 31.7 hPa

Vapour density : Test not applicable for this product type

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



WINDEX® CLEANER ORIGINAL

Version 1.3

Print Date 03/09/2018

Revision Date 01/23/2018

SDS Number 350000014153

Relative density	:	1.00 g/cm ³ at 25 C	:
Solubility(ies)	:	soluble	:
Partition coefficient: n-octanol/water	:	Test not applicable for this product type	:
Auto-ignition temperature	:	Test not applicable for this product type	:
Decomposition temperature	:	Heating can release hazardous gases.	:
Viscosity, dynamic	:	similar to water	:
Viscosity, kinematic	:	similar to water	:
Oxidizing properties	:	Test not applicable for this product type	:
Volatile Organic Compounds Total VOC (wt. %)*	:	0.2 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	:
Other information	:	None identified	:

10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.	:
Chemical stability	:	Stable under recommended storage conditions.	:
Possibility of hazardous reactions	:	If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.	:

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- Conditions to avoid** : Direct sources of heat.
- Incompatible materials** : Do not mix with bleach or any other household cleaners.
Strong bases
- Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity** : LD50 > 5000 mg/kg
Acute inhalation toxicity : LC50 > 10 mg/L
- Acute dermal toxicity** : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-

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Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition : None known.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

No environmental data required.

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport

Not classified as dangerous in the meaning of transport regulations.

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Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Notification status : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

State Right To Know

No components are subject to the Massachusetts Right to Know Act.		
No components are subject to the Minnesota "Right To Know" Act		
No components are subject to the New Jersey "Right To Know" Act		
Pennsylvania RTKL	Water	7732-18-5
	Ammonium Hydroxide	1336-21-6

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16. OTHER INFORMATION

HMIS Ratings

Health	1
Flammability	0
Reactivity	0

NFPA Ratings

Health	1
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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