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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Varnish Remover  
**Product type:** Cleaner  
**Company address:**  
 Henkel Corporation  
 1001 Trout Brook Crossing  
 Rocky Hill, Connecticut 06067

**Item No. :** 30529 / IDH No. 234914  
**Region:** United States  
**Contact Information:**  
 Telephone: 860.571.5100  
 Emergency telephone: 860.571.5100  
 Internet: www.loctite.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	%	ACGIH TLV	OSHA PEL	OTHER
Xylene 1330-20-7	30-60	100 ppm TWA 150 ppm STEL	100 ppm TWA 435 mg/m³ TWA	None
Acetone 67-64-1	10-30	500 ppm TWA 750 ppm STEL	1000 ppm TWA 2400 mg/m³ TWA	None
Propane 74-98-6	10-30	1000 ppm TWA	1000 ppm TWA 1800 mg/m³ TWA	None
Ethyl benzene 100-41-4	5-10	100 ppm TWA 125 ppm STEL	100 ppm TWA 435 mg/m³ TWA	None
Methanol 67-56-1	1-5	200 ppm TWA 250 ppm STEL (skin)	200 ppm TWA 260 mg/m³ TWA	None
Isopropyl alcohol 67-63-0	1-5	200 ppm TWA 400 ppm STEL	400 ppm TWA 980 mg/m³ TWA	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Physical state:** Aerosol Liquid  
**Color:** Y  
**Odor:** Mild petroleum

**HMIS:**

**HEALTH:** 2\*  
**FLAMMABILITY:** 4  
**PHYSICAL HAZARD:** 0  
**Personal Protection:** See Section 8

**DANGER:** CONTENTS UNDER PRESSURE.  
 EXTREMELY FLAMMABLE LIQUID AND VAPOR  
 HARMFUL IF SWALLOWED OR INHALED.  
 VAPOR HARMFUL

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

#### Potential Health Effects

**Inhalation:** Harmful by inhalation. Exposure to high doses may cause central nervous system depression. Such doses may also cause adverse effects in the liver, kidneys, and lungs. Dizziness. Headache. Nausea.  
**Skin contact:** Irritating to skin. Prolonged or repeated contact can cause or aggravate dermatitis or other skin conditions.  
**Eye contact:** Contact with eyes will cause irritation. Liquid, aerosols or vapor are irritating and can cause tearing, reddening and swelling.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Existing conditions aggravated by exposure:** Skin disorders.

See Section 11 for additional toxicological information.

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#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. Administer oxygen or artificial respiration as needed. Get medical attention.
<b>Skin contact:</b>	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms occur.
<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Ingestion:</b>	Drink plenty of water. Call a physician immediately.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	-17°C (0°F) (Propellant)
<b>Autoignition temperature:</b>	Not available
<b>Flammable/Explosive limits-lower %:</b>	1.8 %
<b>Flammable/Explosive limits-upper %:</b>	9.5 %
<b>Extinguishing media:</b>	Foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
<b>Unusual fire or explosion hazards:</b>	Contents under pressure. Do not store or use near heat, spark, open flame or other sources of ignition.
<b>Hazardous combustion products:</b>	Oxides of carbon and nitrogen, aldehydes, acids and undetermined organics.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Do not allow material to contaminate ground water system.
<b>Clean-up methods:</b>	Maintain good ventilation for large spills. Remove all ignition sources. Spilled liquid is combustible and can be ignited by heat, flames, sparks, or other sources of ignition. For large spills absorb onto inert absorbent material and place in sealed container for disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Use only with adequate ventilation. Keep away from heat, spark and flame. Keep out of the reach of children.
<b>Storage:</b>	Keep in a cool, well ventilated area. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F).
<b>Incompatible products:</b>	Not available

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Provide local ventilation for prolonged use in a confined area. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Respiratory protection:</b>	When workplace hazards warrant the use of a respirator, appropriate respirators must be used, and a program that follows 29 CFR 1910.134 must be followed.
<b>Skin protection:</b>	Chemical resistant, impermeable gloves.
<b>Eyeface protection:</b>	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol Liquid
Color:	Yellow
Odor:	Mild petroleum
Vapor pressure:	106-110 psig
pH:	Not applicable
Boiling point/range:	Approximately 38.8°C (100°F)
Melting point/range:	Not available
Specific gravity:	0.8
Vapor density:	Not available
Evaporation rate:	Greater than butyl acetate.
Solubility in water:	Slightly soluble
Partition coefficient (n-octanol/water):	Not available
VOC content:	75%

## 10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Carbon oxides. Hydrocarbons.
Incompatibility:	Oxidizing agents.
Conditions to avoid:	Keep away from open flames, hot surfaces and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Xylene 1330-20-7	No	No	No
Acetone 67-64-1	No	No	No
Propane 74-98-6	No	No	No
Ethyl benzene 100-41-4	No	Group 2B	Yes
Methanol 67-56-1	No	No	No
Isopropyl alcohol 67-63-0	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Xylene 1330-20-7	Cardiac, Central nervous system, Irritant, Kidney, Liver
Acetone 67-64-1	Blood, Central nervous system, Irritant, Reproductive
Propane 74-98-6	Cardiac, Central nervous system, Irritant
Ethyl benzene 100-41-4	Central nervous system, Irritant
Methanol 67-56-1	Eyes, Heart, Irritant, Kidney, Liver, Metabolic, Nervous System, Reproductive
Isopropyl alcohol 67-63-0	Allergen, Blood, Central nervous system, Irritant, Kidney, Liver, Brain, Spleen

## 12. ECOLOGICAL INFORMATION

**Ecological information:**

No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, groundwater, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

<b>13. DISPOSAL CONSIDERATIONS</b>
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**Information provided is for unused product only.**

**Recommended method of disposal:**

Legal disposition of wastes is the responsibility of the owner/generator of the waste. Applicable federal, state and/or local regulations must be followed during treatment, storage, or disposal of waste containing this product. Do not incinerate. Depressurize cans. Do not puncture or incinerate pressurized cans.

**EPA hazardous waste number:**

D001: Ignitable.

<b>14. TRANSPORT INFORMATION</b>
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**U.S. Department of Transportation Ground (49 CFR):**

<b>Proper shipping name:</b>	Consumer commodity
<b>Hazard class or division:</b>	ORM-D
<b>Identification number:</b>	Not available
<b>Packing group:</b>	Not available

**International Air Transportation (ICAO/IATA):**

<b>Proper shipping name:</b>	Aerosols, flammable
<b>Hazard class or division:</b>	2.1
<b>Identification number:</b>	UN 1950
<b>Packing group:</b>	None

**Water Transportation (IMO/IMDG):**

<b>Proper shipping name:</b>	Aerosols, flammable
<b>Hazard class or division:</b>	2.1
<b>Identification number:</b>	UN 1950
<b>Packing group:</b>	None

<b>15. REGULATORY INFORMATION</b>
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**United States Regulatory Information**

**TSCA 8 (b) Inventory Status:**  
**TSCA 12 (b) Export Notification:**

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
 None.

**CERCLA/SARA Section 302 EHS:**  
**CERCLA/SARA Section 311/312:**  
**CERCLA/SARA 313:**

None above reporting de minimus.  
 Fire, Immediate Health Hazard, Delayed Health Hazard, Pressure  
 Xylene (CAS# 1330-20-7). Ethyl benzene (CAS# 100-41-4).

**California Proposition 65:**

This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**Canada Regulatory Information**

**CEPA DSL/NDL Status:**  
**WHMIS hazard class:**

All components are listed on or are exempt from listing on the Domestic Substances List.  
 A, B.5, D.2.A, D.2.B

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Updated Revision Date Only

Prepared by:

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