



Revision Number: 001.1

Issue date: 01/30/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE SOLVO RUST 12.25OZ AE
Product type: Solvent based cleaner
Company address:
 Henkel Corporation
 One Henkel Way
 Rocky Hill, Connecticut 06067

IDH number: 1865406
Item number: 1865406
Region: United States

Contact information:
 Telephone: 860.571.5100
 MEDICAL EMERGENCY Phone: Poison Control Center
 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

Physical state:	Aerosol, Liquid	HEALTH:	2
Color:	Clear colorless	FLAMMABILITY:	4
Odor:	Kerosene	PHYSICAL HAZARD:	1
		Personal Protection:	See MSDS Section 8

DANGER: CONTENTS UNDER PRESSURE.
 HARMFUL IF INHALED.
 EXTREMELY FLAMMABLE.
 MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness. Extreme overexposure may result in unconsciousness and possibly death. May cause irritation to nose and throat.

Skin contact: May cause irritation due to defatting of the skin.

Eye contact: Direct spray or vapors will irritate and may harm eyes.

Ingestion: Not expected under normal conditions of use.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
White mineral oil (petroleum), highly refined	8042-47-5	30 - 60
Distillates (petroleum), hydrotreated light	64742-47-8	30 - 60
Hydrocarbon aliphatic aromatic naphthenic C9-12	64742-88-7	10 - 30
Kerosine	64742-81-0	5 - 10
Carbon dioxide	124-38-9	5 - 10

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If symptoms persist, seek medical advice.
Skin contact:	Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash with soap and water.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash point:	< -18 °C (< 0.4 °F)
Flashback:	This product exhibits flashback when tested for flame extension.
Flame projection:	96 cm (37.8 inch)
Autoignition temperature:	Not available.
Flammable/Explosive limits - lower:	0.7 %
Flammable/Explosive limits - upper:	9.5 %
Extinguishing media:	Carbon dioxide. foam Dry chemical.
Special firefighting procedures:	In case of fire, keep containers cool with water spray.
Unusual fire or explosion hazards:	Contents under pressure. Do not handle or store near an open flame, heat or other sources of ignition. Do not puncture or incinerate pressurized containers. Exposure to temperatures above 49°C (120°F) may cause container to burst.
Hazardous combustion products:	Oxides of carbon. Irritating organic vapours. Oxides of sulfur.

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:	Ventilate area. Remove all sources of ignition.
Clean-up methods:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling:	Keep away from heat, spark and flame. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Vapors will accumulate readily and may ignite explosively.
Storage:	Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F). Store away from ignition sources. Keep in a cool, well ventilated area.

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

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 components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
White mineral oil (petroleum), highly refined	5 mg/m ³ TWA Inhalable fraction.	5 mg/m ³ TWA mist 5 mg/m ³ PEL Mist.	None	None
Distillates (petroleum), hydrotreated light	None	None	None	None
Hydrocarbon aliphatic aromatic naphthenic C9-12	100 ppm TWA	500 ppm (2,900 mg/m ³) TWA	None	None
Kerosine	200 mg/m ³ TWA (as total hydrocarbon vapor) Non-aerosol. (SKIN) (as total hydrocarbon vapor) Non-aerosol.	None	None	None
Carbon dioxide	5,000 ppm TWA 30,000 ppm STEL	5,000 ppm (9,000 mg/m ³) PEL	None	None

Engineering controls:

Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Respiratory protection:

Use NIOSH approved respirator if there is potential to exceed exposure limit(s). 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.

Eye/face protection:

Safety goggles or safety glasses with side shields.

Skin protection:

Chemical resistant, impermeable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol, Liquid
Color:	Clear colorless
Odor:	Kerosene
Odor threshold:	Not available.
pH:	Not applicable
pH:	Not available.
Vapor pressure:	Not available.
Boiling point/range:	0 - 572 °F (-17.8 - 300°C) None > 37.8 °C (> 100°F)
Melting point/ range:	Not available.
Specific gravity:	0.76
Specific gravity:	0.8 - 0.9
Vapor density:	Heavier than air.
Flash point:	< -18 °C (< 0.4 °F)
Flashback:	This product exhibits flashback when tested for flame extension.
Flame projection:	96 cm (37.8 inch)
Flammable/Explosive limits - lower:	0.7 %
Flammable/Explosive limits - upper:	9.5 %
Autoignition temperature:	Not available.
Evaporation rate:	Faster than ether.
Solubility in water:	Not available.
Solubility in water:	Insoluble
Solubility in water:	Insoluble
Solubility in water:	Soluble
Partition coefficient (n-octanol/water):	Not available.
VOC content:	24 %

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Oxides of sulfur.
Incompatible materials:	Strong oxidizing agents.
Conditions to avoid:	Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F).

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
White mineral oil (petroleum), highly refined	No	No	No
Distillates (petroleum), hydrotreated light	No	No	No
Hydrocarbon aliphatic aromatic naphthenic C9-12	No	No	No
Kerosine	No	No	No
Carbon dioxide	No	No	No

Hazardous components	Health Effects/Target Organs
White mineral oil (petroleum), highly refined	Irritant
Distillates (petroleum), hydrotreated light	Irritant, Lung
Hydrocarbon aliphatic aromatic naphthenic C9-12	Central nervous system, Irritant
Kerosine	Irritant
Carbon dioxide	Central nervous system

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:	Do not incinerate. Depressurize cans. Follow all local, state, federal and provincial regulations for disposal.
Hazardous waste number:	Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

14. TRANSPORT INFORMATION

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

Proper shipping name:	Aerosols
Hazard class or division:	2.2
Identification number:	UN 1950
Packing group:	None

International Air Transportation (ICAO/IATA)

Proper shipping name:	Aerosols, non-flammable
Hazard class or division:	2.2
Identification number:	UN 1950
Packing group:	None

Exceptions: (Not more than 500 ml), ID8000

Water Transportation (IMO/IMDG)

Proper shipping name: AEROSOLS
Hazard class or division: 2.2
Identification number: UN 1950
Packing group: None
Exceptions: Limited quantity (Not more than 1 L).

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, Fire
CERCLA/SARA Section 313: None above reporting de minimis
California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
WHMIS hazard class: A, B.5, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Updated composition in Section 3.

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