



Material Safety Data Sheet

SECTION 1: PRODUCT NAME AND COMPANY INFORMATION

Product Name: Loctite ODC-Free Cleaner and Degreaser
Product Number: 3080101
Issue Date: May 25, 2011
Supersedes Date: September 24, 2008
Manufactured By:
 Henkel Corporation
 1001 Trout Brook Crossing
 Rocky Hill, CT 06067
Distributed By:
 Coburn Technologies
 55 Gerber Road
 South Windsor, CT 06074
 Telephone: (800) 262-8761

24-Hour Emergency Contact Number (North America): 800-255-3924
24-Hour Emergency Contact Number (International): 813-248-0585

SECTION 2: COMPOSITION (Hazardous Components First)

Hazardous components	%	ACGIH TLV	OSHA PEL	OTHER
Hydrotreated heavy naphtha 64742-48-9	60-100	None	None	196 ppm TWA
Orange terpenes 68647-72-3	10-30	None	None	None

SECTION 3: Hazards Identification

EMERGENCY OVERVIEW

HMIS:

Physical state: Liquid
Color: Colorless
Odor: Orange

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

WARNING: FLAMMABLE LIQUID AND VAPOR.
 MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
 MAY BE HARMFUL IF SWALLOWED.

Relevant routes of exposure: Inhalation, Eye contact, Skin contact, Ingestion

Potential Health Effects

Inhalation: High Concentrations of vapors may cause harmful effects. Symptoms usually occur at air concentrations above the recommended exposure limits. May cause irritation to nose and throat. Dizziness. Headache. Nausea.

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Skin contact: May cause irritation due to defatting of the skin. Prolonged contact with skin may cause dermatitis. May be harmful if absorbed through skin.

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

Ingestion: Ingestion causes irritation and effects similar to inhalation. If swallowed, may be aspirated into the lungs resulting in inflammation and possible fluid accumulation.

Existing conditions aggravated by exposure:

Other pre-existing skin conditions. Other respiratory disorders (bronchitis, emphysema, bronchial hyperreactivity).

See Section 11 for additional toxicological information.

SECTION 4: First Aid

Inhalation: Remove to fresh air. If discomfort persists seek medical attention.

Skin contact: Wash with soap and water. Remove contaminated clothing and shoes. If a person feels unwell or symptoms of skin irritation appear, consult a physician.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

Ingestion: If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: Fire Fighting Measures:

Flash point: 48.9°C (120°F)

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: 0.7 %

Flammable/Explosive limits-upper %: 5.0 %

Extinguishing media: Carbon dioxide (CO₂). Foam. Dry chemical. Type BC extinguisher.

Special fire fighting procedures: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). Water may be unsuitable as an extinguishing media, but may be helpful in keeping adjacent containers cool. Avoid spreading liquid with water used for cooling purposes.

Unusual fire or explosion hazards: Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

Hazardous combustion products: Oxides of carbon. Irritating organic vapors.

SECTION 6: Accidental Release Measures

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Environmental precautions: Do not contaminate surface water. Assure conformity with applicable government regulations.

Clean-up methods: Spilled liquid is combustible and can be ignited by heat, flames, sparks, or other sources of ignition. Vapors are heavier than air and may travel along the ground or be moved by ventilation and subsequently ignited by heat, pilot lights or other ignition sources at locations distant from the material handling point. Remove all ignition sources. Maintain good ventilation for large spills. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Spilled material will solidify.

SECTION 7: Handling and Storage

Handling: Keep container closed. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Do not wear contact lenses. Keep out of the reach of children. Vapors will accumulate readily and may ignite explosively.

Storage: Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

Incompatible products: Oxidizing and spontaneously flammable products. Strong acids or bases. Amines. For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

SECTION 8: Exposure Controls/Personal Protection

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits. Provide local ventilation for prolonged use in a confined area. In case of insufficient ventilation, wear suitable respiratory equipment.

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

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact.

Eye/face protection: Chemical splash goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Do not wear contact lenses when handling this product.

SECTION 9: Physical and Chemical Properties

Physical state: Liquid

Color: Colorless

Odor: Orange

Vapor pressure: 5 mmHg @20°C (68° F)

pH: Not applicable

Boiling point/range: Greater than 148°C (300°F)

Melting point/range: Not available

Specific gravity: .7718

Vapor density: Heavier than air

Evaporation rate: Not available

Solubility in water: Insoluble.

Partition coefficient (n-octanol/water): Not available

VOC content: 100%; 780 grams/liter

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SECTION 10: Stability and Reactivity

Stability: Stable.

Hazardous polymerization: Will not occur.

Hazardous decomposition products: Hydrocarbons.

Incompatibility: Acids. Bases. Oxidizing agents.

Conditions to avoid: Heat, flames and sparks. Fire or intense heat may cause violent rupture of packages.

SECTION 11: Toxicological Information

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Hydrotreated heavy naphtha 64742-48-9	No	No	No
Orange terpenes 68647-72-3	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Hydrotreated heavy naphtha 64742-48-9	Irritant
Orange terpenes 68647-72-3	Irritant

SECTION 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.

SECTION 13: Disposal Considerations:

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with Federal, State and local regulations.

EPA hazardous waste number: D001: Ignitable.

SECTION 14: Transport Information:

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

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Proper shipping name: Petroleum distillates, n.o.s.
Hazard class or division: 3
Identification number: UN 1268
Packing group: III
Exceptions: Consumer Commodity (Not more than 1 Liter)

International Air Transportation (ICAO/IATA):

Proper shipping name: Petroleum distillates N. O. S.
Hazard class or division: 3
Identification number: UN 1268
Packing group: III

Water Transportation (IMO/IMDG):

Proper shipping name: Petroleum distillates, n.o.s
Hazard class or division: 3
Identification number: UN1268
Packing group: III
Exceptions: Not available
Marine pollutant: None

SECTION 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.

CERCLA/SARA Section 302 EHS: None above reporting de minimus.

CERCLA/SARA Section 311/312: Immediate Health Hazard, Fire

CERCLA/SARA 313: None above reporting de minimus.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.

WHMIS hazard class: B.3, D.2.B

SECTION 16: Other Information:

This material safety data sheet contains changes from the previous version in sections: 2, 11, 15

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