



Revision Number: 009.2

Issue date: 10/02/2012

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** ODC-Free Cleaner & Degreaser  
**Product type:** Solvent based cleaner

**IDH number:** 135310  
**Item number:** 20162  
**Region:** United States

**Company address:**  
 Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067

**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

<b>Physical state:</b>	liquid	<b>HEALTH:</b>	2
<b>Color:</b>	Colorless	<b>FLAMMABILITY:</b>	2
<b>Odor:</b>	citrus-fruit-like	<b>PHYSICAL HAZARD:</b>	0
		<b>Personal Protection:</b>	See MSDS Section 8

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

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

### Potential Health Effects

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

**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 hyperactivity).

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	%
Distillates (petroleum), hydrotreated light	64742-47-8	60 - 100
Limonene, D-	5989-27-5	10 - 30

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Skin contact:</b>	Wash with soap and water. Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Ingestion:</b>	DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

#### 5. FIRE FIGHTING MEASURES

<b>Flash point:</b>	46 °C (114.8 °F) 48.9 °C (120.02 °F)
<b>Autoignition temperature:</b>	Not available.
<b>Flammable/Explosive limits - lower:</b>	0.7 %
<b>Flammable/Explosive limits - upper:</b>	5 %
<b>Extinguishing media:</b>	Foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures:</b>	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.
<b>Unusual fire or explosion hazards:</b>	Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
<b>Hazardous combustion products:</b>	Oxides of carbon. 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.

<b>Environmental precautions:</b>	Do not allow product to enter sewer or waterways.
<b>Clean-up methods:</b>	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 sources of ignition. 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.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Keep container closed. Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Wash thoroughly after handling. Do not wear contact lenses. Keep out of the reach of children. Vapors will accumulate readily and may ignite explosively.
<b>Storage:</b>	Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

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
Distillates (petroleum), hydrotreated light	None	None	None	None
Limonene, D-	None	None	30 ppm (165.5 mg/m3) TWA	None

**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).

**Eye/face protection:**

Safety goggles or safety glasses with side shields.

**Skin protection:**

Permeation resistant gloves (butyl rubber, nitrile rubber, polyvinyl alcohol).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	liquid
Color:	Colorless
Odor:	citrus-fruit-like
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	5 mm hg (68 °F (20°C)) 5 mm hg (20 °C (68°F))
Boiling point/range:	> 300 °F (> 148.9 °C) None > 148 °C (> 298.4 °F)
Melting point/ range:	Not available.
Specific gravity:	0.7718
Specific gravity:	0.7718
Vapor density:	Heavier than air
Flash point:	46 °C (114.8 °F) 48.9 °C (120.02 °F)
Flammable/Explosive limits - lower:	0.7 %
Flammable/Explosive limits - upper:	5 %
Autoignition temperature:	Not available.
Evaporation rate:	Not available.
Solubility in water:	Insoluble
Solubility in water:	Insoluble
Partition coefficient (n-octanol/water):	Not available.
VOC content:	100 %; 780 g/l

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Hydrocarbons.
Incompatible materials:	Strong oxidizing agents. Acids and bases.
Conditions to avoid:	Heat, flames, sparks and other sources of ignition. Fire or intense heat may cause violent rupture of packages.

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Distillates (petroleum), hydrotreated light	No	No	No
Limonene, D-	No	No	No

Hazardous components	Health Effects/Target Organs
Distillates (petroleum), hydrotreated light	Irritant, Lung
Limonene, D-	Irritant

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Toxic to aquatic organisms May cause long-term adverse effects in the aquatic environment. Do not empty into drains / surface water / ground water.

## 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:** D001: Ignitable.

## 14. TRANSPORT INFORMATION

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

**Proper shipping name:** Petroleum distillates, n.o.s.  
**Hazard class or division:** 3  
**Identification number:** UN 1268  
**Packing group:** III

### 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:** UN 1268  
**Packing group:** III

## 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 minimus  
**CERCLA/SARA Section 302 EHS:** None above reporting de minimis  
**CERCLA/SARA Section 311/312:** Immediate Health, Fire  
**CERCLA/SARA 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:

B.3, D.2.B

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** Corrected information in Section(s):  
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