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**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>TECHNOMELT PUR CLEANER 3030 known as MELT-O-CLEAN 90-3030</b>	<b>IDH number:</b>	514657
<b>Product type:</b>	Cleaner	<b>Item number:</b>	514657
<b>Restriction of Use:</b>	None identified	<b>Region:</b>	United States
<b>Company address:</b>	<b>Contact information:</b>		
Henkel Corporation	Telephone: (860) 571-5100		
One Henkel Way	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 AND EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2B

**PICTOGRAM(S)**



**Precautionary Statements**

<b>Prevention:</b>	Wash thoroughly after handling. Wear protective gloves.
<b>Response:</b>	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.
<b>Storage:</b>	Not prescribed
<b>Disposal:</b>	Not prescribed

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**

Hazardous Component(s)	CAS Number	Percentage*
Limonene, D-	5989-27-5	60 - 100

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. If not breathing, give artificial respiration. Get immediate medical attention.
<b>Skin contact:</b>	Immediately wash skin thoroughly with soap and water. Remove contaminated clothing and footwear. Get immediate medical attention.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical attention.
<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 immediate medical attention.
<b>Symptoms:</b>	See Section 11.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Keep unnecessary personnel away.
<b>Unusual fire or explosion hazards:</b>	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. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
<b>Hazardous combustion products:</b>	Thermal decomposition can lead to release of irritating gases and vapors. Oxides of carbon. Hydrocarbons.

#### 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>	Isolate area. Keep unnecessary personnel away. Prevent further leakage or spillage if safe to do so. Prevent contamination of soil and water.
<b>Clean-up methods:</b>	Remove all sources of ignition. Use non-sparking tools for clean-up. Wear suitable protective clothing, gloves and eye/face protection. Wear suitable respiratory protection. Avoid skin contact and inhalation of vapors during disposal of spills. Confine in small area; use absorbent to clean up. Place in container for disposal with accordance with federal, state and local regulations.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Keep away from heat, spark and flame. Keep container closed. Use only in well-ventilated areas. Avoid breathing vapors or mists of this product. Make sure containers are properly grounded before use or transfer of material. No special requirements.
<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, please review labels on container or check the Technical Data Sheet.**

## 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
Limonene, D-	None	None	30 ppm (165.5 mg/m <sup>3</sup> ) TWA	None

<b>Engineering controls:</b>	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respirator use (29 CFR 1910.134).
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields. Wear face shield as necessary when spraying.
<b>Skin protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Colorless to light yellow
<b>Odor:</b>	Citrus
<b>Odor threshold:</b>	0.44 ppm
<b>pH:</b>	Not applicable
<b>Vapor pressure:</b>	0.3 kPa
<b>Boiling point/range:</b>	176 °C (348.8 °F)
<b>Melting point/ range:</b>	-74 °C (-101.2 °F)
<b>Specific gravity:</b>	0.85
<b>Vapor density:</b>	4.7
<b>Flash point:</b>	46 °C (114.8 °F)
<b>Flammable/Explosive limits - lower:</b>	0.7 %
<b>Flammable/Explosive limits - upper:</b>	6.1 %
<b>Autoignition temperature:</b>	237 °C (458.6 °F)
<b>Evaporation rate:</b>	Not determined
<b>Solubility in water:</b>	Insoluble
<b>Partition coefficient (n-octanol/water):</b>	4.2
<b>VOC content:</b>	95 %
<b>Viscosity:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Normally stable.
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion. Hydrocarbons
<b>Incompatible materials:</b>	This product may react with oxidizing agents.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Keep away from heat, ignition sources and incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

<b>Relevant routes of exposure:</b>	Skin, Inhalation, Eyes, Ingestion
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### Potential Health Effects/Symptoms

**Inhalation:** May cause respiratory tract irritation. May cause dizziness, incoordination, headache, nausea, and vomiting.  
**Skin contact:** May cause skin irritation. May cause skin sensitization.  
**Eye contact:** May cause irritation.  
**Ingestion:** Harmful if swallowed. Not expected under normal conditions of use.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Limonene, D-	None	Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Limonene, D-	No	No	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Do not empty into drains, soil or bodies of water.

## 13. DISPOSAL CONSIDERATIONS

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.

**Hazardous waste number:** D001: Ignitable.

## 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:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Terpene hydrocarbons, n.o.s. (limonene)  
**Hazard class or division:** 3  
**Identification number:** UN 2319  
**Packing group:** III

### Water Transportation (IMO/IMDG)

**Proper shipping name:** TERPENE HYDROCARBONS, N.O.S. (limonene)  
**Hazard class or division:** 3  
**Identification number:** UN 2319  
**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 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.

**16. OTHER INFORMATION**

**This safety data sheet contains changes from the previous version in sections:** New Safety Data Sheet format.

**Prepared by:** J. Boryszewski, Regulatory Affairs

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