

# Safety Data Sheet

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SAFETY DATA SHEET

HENKEL

REVISION NUMBER: 008.0

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### -----1. PRODUCT AND COMPANY IDENTIFICATION -----

PRODUCT NAME: MEDIUM STRENGTH THREADLOCKER

PRODUCT TYPE: ANAEROBIC SEALANT

RESTRICTION OF USE: NONE IDENTIFIED

IDH NUMBER: 229611

ITEM NUMBER: 17833

REGION: UNITED STATES

COMPANY ADDRESS:  
HENKEL CORPORATION  
ONE HENKEL WAY  
ROCKY HILL, CONNECTICUT 06067

TELEPHONE: (860) 571-5100

CONTACT INFORMATION:

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](http://WWW.HENKELNA.COM)

### -----2. HAZARDS IDENTIFICATION -----

EMERGENCY OVERVIEW:

WARNING:  
CAUSES SKIN AND EYE IRRITATION.  
MAY CAUSE AN ALLERGIC SKIN REACTION.

HAZARD CLASS                    HAZARD CATEGORY

SKIN IRRITATION                2

EYE IRRITATION                2B

SKIN SENSITIZATION          1

PICTOGRAM(S): EXCLAMATION MARK

PRECAUTIONARY STATEMENTS:

PREVENTION:

AVOID BREATHING VAPORS, MIST, OR SPRAY. WASH THOROUGHLY AFTER HANDLING.  
CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.  
WEAR PROTECTIVE GLOVES.

RESPONSE:

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 OR RASH OCCURS: GET MEDICAL ATTENTION.

IF EYE IRRITATION PERSISTS:

GET MEDICAL ATTENTION. TAKE OFF CONTAMINATED CLOTHING.

STORAGE: NOT PRESCRIBED

DISPOSAL:

DISPOSE OF CONTENTS AND/OR CONTAINER ACCORDING TO FEDERAL, STATE/PROVINCIAL AND  
LOCAL GOVERNMENTAL REGULATIONS.

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*
POLYGLYCOL DIMETHACRYLATE	PROPRIETARY	60 - 100
POLYGLYCOL OLEATE	PROPRIETARY	10 - 30
SACCHARIN	81-07-2	1 - 5
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	112945-52-5	1 - 5
CUMENE HYDROPEROXIDE	80-15-9	1 - 5

PROPANE-1,2-DIOL 57-55-6 1 - 5

CUMENE 98-82-8 0.1 - 1

\* EXACT PERCENTAGE IS A TRADE SECRET. CONCENTRATION RANGE IS PROVIDED TO ASSIST USERS IN PROVIDING APPROPRIATE PROTECTIONS.

-----4. FIRST AID MEASURES -----

INHALATION:

MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

SKIN CONTACT:

IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER (USING SOAP, IF AVAILABLE). REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. WASH CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION.

EYE CONTACT:

RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

INGESTION:

DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

SYMPTOMS: SEE SECTION 11.

-----5. FIRE FIGHTING MEASURES -----

EXTINGUISHING MEDIA: WATER SPRAY (FOG), FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

SPECIAL FIREFIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING, SUCH AS TURN-OUT GEAR. IN CASE OF FIRE, KEEP CONTAINERS COOL WITH WATER SPRAY.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

UNCONTROLLED POLYMERIZATION MAY OCCUR AT HIGH TEMPERATURES RESULTING IN EXPLOSIONS OR RUPTURE OF STORAGE CONTAINERS.

HAZARDOUS COMBUSTION PRODUCTS:

OXIDES OF CARBON. OXIDES OF SULFUR. OXIDES OF NITROGEN. 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.

ENVIRONMENTAL PRECAUTIONS: DO NOT ALLOW PRODUCT TO ENTER SEWER OR WATERWAYS.

CLEAN-UP METHODS:

REMOVE ALL SOURCES OF IGNITION. EVACUATE AND VENTILATE SPILL AREA; DIKE SPILL

TO PREVENT ENTRY INTO WATER SYSTEM; WEAR FULL PROTECTIVE EQUIPMENT DURING CLEAN-UP. SOAK UP WITH INERT ABSORBENT MATERIAL (E.G. SAND, SILICA GEL, ACID BINDER, UNIVERSAL BINDER, SAWDUST). SCRAPE UP AS MUCH MATERIAL AS POSSIBLE. STORE IN A PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL. REFER TO SECTION 8 "EXPOSURE CONTROLS / PERSONAL PROTECTION" PRIOR TO CLEAN UP.

-----7. HANDLING AND STORAGE -----

HANDLING:

USE ONLY WITH ADEQUATE VENTILATION. PREVENT CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE VAPOR AND MIST. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER CLOSED. REFER TO SECTION 8.

STORAGE:

FOR SAFE STORAGE, STORE BETWEEN 0 DEG. C (32 DEG. F) AND 32 DEG. C (89.6 DEG. F)

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 COMPONENT(S)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
POLYGLYCOL DIMETHACRYLATE	NONE	NONE	NONE	NONE
POLYGLYCOL OLEATE	NONE	NONE	NONE	NONE
SACCHARIN	NONE	NONE	NONE	NONE
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	10 MG/M3 TWA INHALABLE DUST. 3 MG/M3 TWA RESPIRABLE FRACTION.	20 MPPCF TWA 0.8 MG/M3 TWA	NONE	NONE
CUMENE HYDROPEROXIDE	NONE	NONE	1 PPM (6 MG/M3) TWA (SKIN)	NONE
PROPANE-1,2-DIOL	NONE	NONE	10 MG/M3 TWA AEROSOL.	NONE
CUMENE	50 PPM TWA	50 PPM (245 MG/M3) PEL (SKIN)	NONE	NONE

## ENGINEERING CONTROLS:

PROVIDE ADEQUATE LOCAL EXHAUST VENTILATION TO MAINTAIN WORKER EXPOSURE BELOW EXPOSURE LIMITS.

## 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. FULL FACE PROTECTION SHOULD BE USED IF THE POTENTIAL FOR SPLASHING OR SPRAYING OF PRODUCT EXISTS. SAFETY SHOWERS AND EYE WASH STATIONS SHOULD BE AVAILABLE.

## SKIN PROTECTION:

USE CHEMICAL RESISTANT, IMPERMEABLE CLOTHING INCLUDING GLOVES AND EITHER AN APRON OR BODY SUIT TO PREVENT SKIN CONTACT. NEOPRENE GLOVES. BUTYL RUBBER GLOVES. NATURAL RUBBER GLOVES.

## -----9. PHYSICAL AND CHEMICAL PROPERTIES -----

PHYSICAL STATE: LIQUID

COLOR: BLUE

ODOR: MILD

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT APPLICABLE

VAPOR PRESSURE: <5 MM Hg (27 DEG. C (80.6 DEG. F))

BOILING POINT/RANGE: >149 DEG. C (>300.2 DEG. F)

MELTING POINT/RANGE: NOT AVAILABLE.

SPECIFIC GRAVITY: 1.1 AT 23.9 DEG. C (75.02 DEG. F)

VAPOR DENSITY: NOT AVAILABLE.

FLASH POINT: >93.3 DEG. C (>199.94 DEG. F) TAGLIABUE CLOSED CUP

FLAME PROJECTION: NOT APPLICABLE

FLAMMABLE/EXPLOSIVE LIMITS - LOWER: 2.6% (PROPYLENE GLYCOL)

FLAMMABLE/EXPLOSIVE LIMITS - UPPER: 12.5% (PROPYLENE GLYCOL)

AUTOIGNITION TEMPERATURE: NOT DETERMINED

EVAPORATION RATE: NOT AVAILABLE.

SOLUBILITY IN WATER: SLIGHT

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT AVAILABLE.

VOC CONTENT: 0.56%; 6.17 G/L

VISCOSITY: NOT AVAILABLE.

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

-----10. STABILITY AND REACTIVITY -----

STABILITY: STABLE UNDER NORMAL CONDITIONS OF STORAGE AND USE.

HAZARDOUS REACTIONS:

NONE UNDER NORMAL PROCESSING. POLYMERIZATION MAY OCCUR AT ELEVATED TEMPERATURE OR IN THE PRESENCE OF INCOMPATIBLE MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS:

OXIDES OF CARBON. OXIDES OF SULFUR. OXIDES OF NITROGEN. IRRITATING ORGANIC VAPOURS.

INCOMPATIBLE MATERIALS:

STRONG OXIDIZING AGENTS. FREE RADICAL INITIATORS. STRONG REDUCING AGENTS. ALKALIS. OXYGEN SCAVENGERS. OTHER POLYMERIZATION INITIATORS. COPPER. IRON. ZINC. ALUMINUM. RUST.

REACTIVITY: NOT AVAILABLE.

CONDITIONS TO AVOID:

ELEVATED TEMPERATURES. HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION. STORE AWAY FROM INCOMPATIBLE MATERIALS.

-----11. TOXICOLOGICAL INFORMATION -----

RELEVANT ROUTES OF EXPOSURE: SKIN, INHALATION, EYES, INGESTION

POTENTIAL HEALTH EFFECTS/SYMPTOMS:

INHALATION:

INHALATION OF VAPORS OR MISTS OF THE PRODUCT MAY BE IRRITATING TO THE RESPIRATORY SYSTEM.

SKIN CONTACT: CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

EYE CONTACT: CAUSES EYE IRRITATION.

INGESTION: MAY CAUSE GASTROINTESTINAL TRACT IRRITATION IF SWALLOWED.

HAZARDOUS COMPONENT(S)	LD50S AND LC50S	IMMEDIATE AND DELAYED HEALTH EFFECTS
POLYGLYCOL DIMETHACRYLATE	NONE	ALLERGEN, IRRITANT
POLYGLYCOL OLEATE	NONE	IRRITANT
SACCHARIN	NONE	NO TARGET ORGANS
SILICA, AMORPHOUS, FUMED,	NONE	NUISANCE DUST

## CRYSTAL-FREE

CUMENE HYDROPEROXIDE	NONE	ALLERGEN, CENTRAL NERVOUS SYSTEM, CORROSIVE, IRRITANT, MUTAGEN
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PROPANE-1,2-DIOL	ORAL LD50 (RABBIT): 18 G/KG ORAL LD50 (RAT): 30 G/KG	IRRITANT
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CUMENE	ORAL LD50 (RAT): 2.91 G/KG ORAL LD50 (RAT): 1,400 MG/KG INHALATION LC50 (RAT, 4 H): 8000 PPM	CENTRAL NERVOUS SYSTEM, IRRITANT, LUNG
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HAZARDOUS COMPONENT(S)	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN (SPECIFICALLY REGULATED)
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POLYGLYCOL DIMETHACRYLATE	NO	NO	NO
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POLYGLYCOL OLEATE	NO	NO	NO
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SACCHARIN	NO	NO	NO
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SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	NO	NO	NO
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CUMENE HYDROPEROXIDE	NO	NO	NO
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PROPANE-1,2-DIOL	NO	NO	NO
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CUMENE	NO	GROUP 2B	NO
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## -----12. ECOLOGICAL INFORMATION -----

ECOLOGICAL INFORMATION: NOT AVAILABLE.

## -----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: NOT A RCRA HAZARDOUS WASTE.

## -----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: NOT REGULATED

HAZARD CLASS OR DIVISION: NONE

IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

## WATER TRANSPORTATION (IMO/IMDG):

PROPER SHIPPING NAME: NOT REGULATED

HAZARD CLASS OR DIVISION: NONE

IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

## -----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

## CERCLA/SARA SECTION 313:

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 (40 CFR 372). SACCHARIN (CAS# 81-07-2). CUMENE HYDROPEROXIDE (CAS# 80-15-9).

## CERCLA REPORTABLE QUANTITY:

CUMENE HYDROPEROXIDE (CAS# 80-15-9) 10 LBS. (4.54 KG)

## CALIFORNIA PROPOSITION 65:

THIS PRODUCT CONTAINS A CHEMICAL KNOWN IN THE STATE OF CALIFORNIA TO CAUSE CANCER. THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

## 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.

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