

UNIGEL®

Material Safety Data Sheet

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1. PRODUCT IDENTIFICATION

Product name: UNILITE Series
Chemical name: Gelled hydrocarbon
Appearance and odour: White
Emergency phone numbers: As above

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical / Common Name	CAS No:	EINECS No:	Wt %
Mixture of severely hydrotreated and hydrocracked base oil	64742-54-7*	265-157-1*	65-75
1-Decene Homopolymer Hydrogenated	68037-01-4		15-25
Thermoplastic Elastomer	68648-89-5		5-10
Acrylic copolymer	38747-70-0		1-5

*This material satisfies note L of the CLP classification and can be shown to contain less than 3% DMSO extract as measured by IP346. Therefore it is not classified as carcinogenic.

3 HAZARDS IDENTIFICATION

Symbol: Not known at the time of issue. This product contains highly refined base oil and is not considered to present any health hazards during normal use, although OEL for oil mist should be observed.

4 FIRST AID MEASURES

The information and recommendations contained herein are, to the best of UNIGEL's knowledge and belief, accurate and reliable as of the date of issue of each page. This document is offered without guarantee or warranty. It relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

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Effects of overexposure:	May cause irritation. Possible skin irritation risk
Emergency first aid:	
Eyes:	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin:	In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if a large amount of exposure has occurred
Inhalation:	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Ingestion:	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5 FIRE FIGHTING & EXPLOSION HAZARD DATA

Flash point, COC (°C):	>200°C
Flammability limits (base oil):	Not Available
Extinguishing media:	Use foam, dry chemical powder, CO ₂
Special fire fighting procedures:	None known
Unusual fire and explosion hazards:	None known
Products of Combustion	Carbon oxides (CO, CO ₂), nitrogen oxides (NO _x), sulphur oxides (SO _x), smoke and irritating vapours as products of incomplete combustion
General:	Not classified as flammable but will burn.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	Plastic or rubber gloves and boots
Decontamination procedures:	Contain spill and wipe or absorb with oil soaking ads, sawdust, sand etc. and shovel up
Environmental precautions	Prevent it entering sewers, drains or water courses

7 HANDLING AND STORAGE

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Exposed employees should exercise reasonable personal cleanliness, wash exposed skin with soap and water and launder soiled clothing. Open container in a ventilated area. Store in a cool dry place and avoid direct sunlight and elevated temperatures.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	None required under normal conditions.
Ventilation:	Normal ventilation adequate.
Eye protection:	Advisable where there is a risk of splashing.
Gloves:	Advisable where there is prolonged contact.

9 PHYSICAL & CHEMICAL DATA

Flammable limit (base oil);	Data not available
Boiling range of base oil (°C):	>250
Vapour pressure:	Not Applicable
Vapour density (Air = 1)	Data not available
Solubility in Water:	Insoluble, soluble in petroleum solvents
Specific gravity:	0.45
Volatile content by volume (%):	Data not available
Appearance and odour:	White Gel

10 STABILITY & REACTIVITY DATA

Stability:	Stable under normal conditions
Conditions to avoid:	Extreme heat
Incompatibility (materials to avoid):	Strong oxidising agents such as liquid chlorine and concentrated oxygen
Hazardous decomposition products:	Does not decompose at ambient temperature.
Hazardous polymerisation	Will not occur

11 TOXICOLOGICAL INFORMATION

General:	None known toxicological effect from this product
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12 ECOLOGICAL INFORMATION

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General: In the absence of specific environmental data for this product, the assessment is based on information for general hydrocarbon components found in lubricant mineral oils. Leaching and penetration through surface soils is generally regarded as resulting in long-term persistence. Based on chemical/physical information from the literature for this product category, no harmful effect to terrestrial or aquatic habitats would be expected.

13 DISPOSAL INFORMATION

Waste disposal method: Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulation.

Waste materials should be dumped or buried in an approved industrial waste land-fill. Large quantities may be incinerated in a suitable combustion chamber. Do not empty into drains, sewers or water courses.

14 TRANSPORTATION INFORMATION

Classification for transport:	Not classified as hazardous for transport
Shipping name:	Not applicable
UN number:	Not applicable
UN Class:	Not applicable
Packaging group:	Not applicable
Marine pollutant:	None known
Usual shipping containers:	Tanks, totes, drums & cans.

15 REGULATORY INFORMATION

OSHA (29 CFR 1910.1200):	Not classified as hazardous
Hazard label data:	Not classified
EC Classification:	Not classified as dangerous preparation
EC Labelling (Symbol, R&S phrases)	Not required
SARA Title III:	Contains no extremely hazardous substances
SARA 311/312 reportable hazard:	None
SARA 313 toxic release program:	Contains no chemicals
Statutory information:	The Health and Safety Work etc Act, 1974, Environmental Protection Act. 1990
All components of this material are listed on EINECS, DSL, TSCA, METI, AICS and KECI	

16 OTHER INFORMATION

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