

GHS label elements, including precautionary statements

Pictograms



1. Exclamation mark; 2. Health hazard; 3. Flame

Signal word

Warning

Hazard statement(s)

Causes skin irritation
May cause respiratory irritation
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure
Highly flammable liquid and vapor

Precautionary statement(s)

Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid breathing fume/gas/vapors. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.
Response	IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use appropriate media to extinguish.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container in accordance with local, state, and federal regulations.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

1. N-HEXANE

Concentration	65-90 % (weight)
EC no.	203-777-6
CAS no.	110-54-3
Index no.	601-037-00-0

- Flammable liquids, Cat. 2
- Toxic to reproduction, Cat. 2
- Aspiration hazard, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 3
- Specific target organ toxicity (repeated exposure), Cat. 2
- Skin corrosion/irritation, Cat. 2
- Hazardous to the aquatic environment, long-term (chronic), Cat. 2

H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H336	May cause drowsiness or dizziness
H361f	
H373	May cause damage to organs [organs] through prolonged or repeated exposure [route]
H411	Toxic to aquatic life with long lasting effects
SCLs/M-factors/ATEs	STOT RE 2; H373: C ≥ 5 %

2. Polydimethylsiloxanes

Concentration	10-35 % (weight)
CAS no.	63148-62-9

- Hazardous to the aquatic environment, short-term (acute), Cat. 2
- Hazardous to the aquatic environment, long-term (chronic), Cat. 2

H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.

In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms/effects, acute and delayed

No data available

Indication of immediate medical attention and special treatment needed, if necessary

No data available

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the chemical

No data available

Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

SECTION 7: Handling and storage

Precautions for safe handling

Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Store in a well ventilated place. Keep container tightly closed. Store between the following temperatures: 40 and 120 Fahrenheit and out of direct sunlight and away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of reach of children.

SECTION 8: Exposure controls/personal protection

Control parameters

1. n-Hexane (CAS: 110-54-3)

PEL (Inhalation): 500 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1800 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 50 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 50 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 20 ppm; 72 mg/m³; Australia (AU/SWA)

Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

Respiratory protection

Distribution, Workplace and Household Settings: No special protective equipment required. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): In case of insufficient ventilation wear suitable respiratory equipment

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	Blue liquid
Color	Blue
Odor	Petroleum
Odor threshold	Mild
Melting point/freezing point	-95.35°C (-139.6°F)
Boiling point or initial boiling point and boiling range	68.73°C (155.7°F)
Flammability	Flammable in the presence of the following: oxidizing materials
Lower and upper explosion limit/flammability limit	Lower: 1.1% Upper: 7.5%
Flash point	Closed cup: -22°C (-7.6°F)
Auto-ignition temperature	225°C (437°F)
Decomposition temperature	No data available

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pH	No data available
Kinematic viscosity	Dynamic (room temperature): 0.3 mPa·s (0.3 cP)
Solubility	0.0098 g/l in water
Partition coefficient n-octanol/water (log value)	4
Vapor pressure	17 kPa (127.51 mm Hg) [room temperature]
Evaporation rate	8.1
Density and/or relative density	0.7
Relative vapor density	3 (Air = 1)

Particle characteristics

Not applicable

Supplemental information regarding physical hazard classes

No data available

Further safety characteristics (supplemental)

No data available

SECTION 10: Stability and reactivity

Reactivity

None under normal use conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal use conditions.

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Other decomposition products - No data available In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Based on available data, classification data are not met

Skin corrosion/irritation

Based on available data, classification data are not met

Serious eye damage/irritation

Based on available data, classification data are not met

Respiratory or skin sensitization

Based on available data, classification data are not met

Germ cell mutagenicity

Based on available data, classification data are not met

Carcinogenicity

POLYDIMETHYLSILOXANES

Result: Carcinogenicity - Rat - Implant

Tumorigenic:Neoplastic by RTECS criteria. Lungs, Thorax, or Respiration:Tumors. Endocrine:Tumors.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

Based on available data, classification data are not met

Specific target organ toxicity (STOT) - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity (STOT) - repeated exposure

No data available

Aspiration hazard

No data available

Additional information

N-HEXANE: *TOXICITY:

typ. dose mode specie amount units other

TCLo ihl hmn 5000 ppm/10M

LDLo ipr rat 9100 mg/kg

LCLo ihl mus 120 gm/m3

LD50 orl rat 28710 mg/kg

*AQTX/TLM96: >1000 ppm

*SAX TOXICITY EVALUATION:

THR: LOW via oral route. Used as a food additive permitted in food for human consumption.

*CARCINOGENICITY:

Status: NTP Carcinogenesis studies; on test (prechronic studies), January 1987

*MUTATION DATA:

test lowest dose | test lowest dose

----- | -----
cyt-ham:fbr 500 mg/L |

*TERATOGENICITY:

Reproductive Effects Data:

TCLo: ihl-rat 10000 ppm/7H (15D pre/1-18D preg)
TCLo: ihl-rat 1000 ppm/6H (8-16D preg)
TCLo: ihl-rat 1 pph/6H (65D male)
TDLo: orl-mus 238 gm/kg (6-15D preg)

***STANDARDS, REGULATIONS & RECOMMENDATIONS:**

OSHA: Federal Register (1/19/89) and 29 CFR 1910.1000 Subpart Z
Transitional Limit: PEL-TWA 500 ppm [610]
Final Limit: PEL-TWA 50 ppm [610]
ACGIH: TLV-TWA 50 ppm [015,058,414,421]
NIOSH Criteria Document: Recommended Exposure Limit to this compound-air:
TWA 100 ppm; Ceiling Limit 510 ppm/15M [610]
NFPA Hazard Rating: Health (H): 1
Flammability (F): 3
Reactivity (R): 0
H1: Materials only slightly hazardous to health (see NFPA for details).
F3: Materials which can be ignited under almost all normal temperature conditions (see NFPA for details).
R0: Materials which are normally stable even under fire exposure conditions and which are not reactive with water (see NFPA for details).

***OTHER TOXICITY DATA:**

Skin and Eye Irritation Data:
eye-rbt 10 mg MLD
Standards and Regulations: DOT-Hazard: Flammable liquid; Label: Flammable liquid
Status: NIOSH Analytical Methods: see Hydrocarbons, BP 36-126 C, 1500
EPA TSCA Chemical Inventory, 1986
EPA TSCA Test Submission (TSCATS) Data Base, December 1986
Meets criteria for proposed OSHA Medical Records Rule

SECTION 12: Ecological information

Toxicity

No data available

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

SECTION 14: Transport information

DOT (US)

UN Number: UN1993
Class: 3
Packing Group: III
Proper Shipping Name: Flammable liquids, n.o.s.
Reportable quantity (RQ): 5000 lbs
Marine pollutant:
Poison inhalation hazard:

IMDG

UN Number: UN1993
Class: 3
Packing Group: III
EMS Number:
Proper Shipping Name: Flammable liquids, n.o.s.

IATA

UN Number: UN1993
Class: 3
Packing Group: III
Proper Shipping Name: Flammable liquids, n.o.s.

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

Canadian Domestic Substances List (DSL)

Chemical name: Hexane
CAS: 110-54-3

Chemical name: Dimethicone
CAS: 9006-65-9

Chemical name: Poly[oxy(dimethylsilylene)]
CAS: 9016-00-6

Chemical name: Siloxanes and Silicones, di-Me
CAS: 63148-62-9

Massachusetts Right To Know Components

Chemical name: Hexane
CAS number: 110-54-3

No components are subject to the Massachusetts Right to Know Act.

New Jersey Right To Know Components

Common name: n-HEXANE
CAS number: 110-54-3

α -Methyl- ω -methoxypolydimethylsiloxane

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CAS-No. 63148-62-9

Pennsylvania Right To Know Components

Chemical name: Hexane

CAS number: 110-54-3

α -Methyl- ω -methoxypolydimethylsiloxane

CAS-No. 63148-62-9

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA Hazards

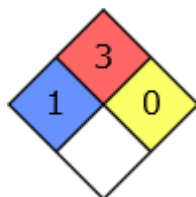
SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

Glo-Pro Tire Shine	
HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

NFPA Rating



SECTION 16: Other information

Date of last revision: March 2023

Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Socar Chemical, LLC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Socar Chemical, LLC has been advised of the possibility of such damages.

Preparation information

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