

1 Identification of substance

Product details

Trade name: GRACE Oil, Paint, Sealer Remover

MSDS ID Number: MP-90395

Replaces MSDS ID Number: MP-90321

Manufacturer/Supplier:

W.R. Grace & Co. -Conn.
62 Whittemore Avenue
Cambridge, MA 02140 USA

Grace Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:

Environmental Health & Safety
USA: 1-617-876-1400 (24 hours)
1-800-354-5414 (8AM - 5PM)
CAN: 1-905-683-8561 (24 hours)

Transport Emergency: Chemtrec 1-800-424-9300 (24 hours)

2 Composition/Data on components

Chemical characterization

Description: Mixture of the substances listed below with nonhazardous additions.

Hazardous components:

64742-94-5	Solvent naphtha (petroleum), heavy aromatic	Xi, F, N; R 11-36/37/38-51/53-67	50-100%
112-80-1	Oleic acid, pure	Xi; R 36/37/38	5.0-10.0%
124-68-5	2-amino-2-methylpropanol	Xi; R 36/38-52/53	2.0-5.0%
112945-52-5	Silicon dioxide, amorphous	Xi; R 36/37/38	2.0-5.0%
9036-19-5	Polyethylene glycol mono(octylphenyl) ether	Xn; R 22-41	2.0-5.0%
91-20-3	Naphthalene	Xn, N; R 22-50/53	2.0-5.0%
95-63-6	1,2,4-Trimethylbenzene	Xn, N; R 10-20-36/37/38-51/53	0.0-1.0%

Additional information: For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

Hazard description:

Xi Irritant
F Highly flammable
N Dangerous for the environment

Information pertaining to particular dangers for man and environment:

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
Review information in this MSDS and product label prior to use.
Highly flammable.
Irritating to eyes, respiratory system and skin.

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Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
 Repeated exposure may cause skin dryness or cracking
 Vapours may cause drowsiness and dizziness

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

NFPA ratings (scale 0 - 4)

Health = 2
 Fire = 2
 Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = *2
 Fire = 2
 Reactivity = 0

4 First aid measures**General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.
 If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water.
 Seek immediate medical advice.

After swallowing: Do not induce vomiting; immediately call for medical help.

5 Fire fighting measures**Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: Wear self-contained respiratory protective device.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Person-related safety precautions: Not required.

Measures for environmental protection: Prevent seepage into sewage system, workpits and cellars.

Measures for cleaning/collecting:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

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Sweep up spilled product into receptacles.
Dispose contaminated material as waste according to section 13 of the MSDS.

7 Handling and storage

Handling:

Information for safe handling:

Open and handle receptacle with care.

Prevent formation of aerosols.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

Information about protection against explosions and fires:

Use only in explosion protected area.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Empty containers may retain hazardous residue, both liquid and vapor. Do not cut, drill, grind or weld on or near container, whether empty or full.

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility:

Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Further information about storage conditions: None.

8 Exposure controls and personal protection

Additional information about design of technical systems: No further data; see item 7.

Components with limit values that require monitoring at the workplace:

91-20-3 Naphthalene

PEL	50 mg/m ³ , 10 ppm
REL	Short-term value: 75 mg/m ³ , 15 ppm Long-term value: 50 mg/m ³ , 10 ppm
TLV	Short-term value: 79 mg/m ³ , 15 ppm Long-term value: 52 mg/m ³ , 10 ppm
	Skin

Additional information: The lists that were valid during the creation were used as basis.

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

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Breathing equipment:

A chemical cartridge respirator with organic vapor cartridge is required. A dust/mist cartridge or prefilter may be needed in addition to control exposure to mist. Supplied air respirator (SCBA) is required at exposure levels above the capabilities of a chemical cartridge respirator.

Protection of hands:

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves

Gloves should be impermeable and resistant to the product. Selection of material should be considered before use.

Eye protection:

Tightly sealed goggles

Face protection

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.

Body protection: Protective work clothing

9 Physical and chemical properties

General Information

Form:	Fluid
Color:	According to product specification
Odor:	Characteristic

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	360°C (680°F)

Flash point: 60°C (140°F)

Ignition temperature: 360.0°C (680°F)

Auto igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Maximum VOC: 77.00 %

Density: Not determined.

Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

10 Stability and reactivity

Thermal decomposition: No decomposition if used according to specifications.

Dangerous products of decomposition:

Hydrocarbons
Carbon monoxide and carbon dioxide

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Other potentially hazardous products may also be formed.

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11 Toxicological information

Acute toxicity:

LD/LC50 values that are relevant for classification:

112-80-1 Oleic acid, pure

Oral	LD50	74000 mg/kg (rat)
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112945-52-5 Silicon dioxide, amorphous

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50/4 h	>0.139 mg/l (rat)

91-20-3 Naphthalene

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	5000 mg/kg (rat)

25322-68-3 Polyethylene glycol

Oral	LD50	30000 mg/kg (rat)
Dermal	LD50	>20000 mg/kg (rabbit)

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Additional toxicological information:

Harmful
Irritant

Over exposure by inhalation or ingestion may be fatal. Chemicals contained in this product can affect the skin, heart, brain, liver, kidneys, lungs and spleen. Some harmful effects are also possible through skin absorption.

12 Ecological information

Ecotoxicological effects:

Remark: Toxic for fish

General notes:

Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

13 Disposal considerations

Product:

Comply with Federal, State, and local regulations
Waste product is defined as hazardous by US EPA due to ignitability (D001).

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Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:**Recommendation:** Disposal must be made according to official regulations.**14 Transport information****DOT regulations:**

Hazard class:	3
Identification number:	UN3295
Packing group:	III
Proper shipping name (technical name):	HYDROCARBONS, LIQUID, N.O.S.
Label	3

Land transport ADR/RID (cross-border):

ADR/RID class:	3 Flammable liquids
Danger code (Kemler):	30
UN-Number:	3295
Packaging group:	III
Description of goods:	3295 HYDROCARBONS, LIQUID, N.O.S. (1,2,4-Trimethylbenzene)

Maritime transport IMDG:

IMDG Class:	3
UN Number:	3295
Label	3
Packaging group:	III
EMS Number:	F-E,S-E
Marine pollutant:	No

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Proper shipping name: HYDROCARBONS, LIQUID, N.O.S.

Air transport ICAO-TI and IATA-DGR:



ICAO/IATA Class: 3

UN/ID Number: 3295

Label: 3

Packaging group: III

Proper shipping name: HYDROCARBONS, LIQUID, N.O.S.

15 Regulations

SARA (Superfund Amendments and Reauthorization Act)

Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (specific toxic chemical listings):

91-20-3 | Naphthalene

95-63-6 | 1,2,4-Trimethylbenzene

TSCA (Toxic Substances Control Act):

All ingredients are listed or exempt from listing unless otherwise noted below.

WHMIS Classification(s):



CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

Proposition 65

Chemicals known to cause cancer:

123-91-1 | 1,4-dioxane

75-21-8 | ethylene oxide

Chemicals known to cause reproductive toxicity:

None of the ingredients is listed.

Carcinogenicity categories

EPA (Environmental Protection Agency)

91-20-3 | Naphthalene | C;CBD

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

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TLV (Threshold Limit Value established by ACGIH)

91-20-3 | Naphthalene | A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Product related hazard informations:**Hazard symbols:**

Xi Irritant
 F Highly flammable
 N Dangerous for the environment

Risk phrases:

Highly flammable.

Irritating to eyes, respiratory system and skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Repeated exposure may cause skin dryness or cracking

Vapours may cause drowsiness and dizziness

Safety phrases:

Keep out of the reach of children.

Keep container in a well-ventilated place.

Keep away from sources of ignition - No smoking.

Do not breathe gas/fumes/vapour/spray.

Avoid contact with skin and eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point

Take precautionary measures against static discharges.

Wear suitable gloves.

In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

If swallowed, seek medical advice immediately and show this container or label.

Use appropriate container to avoid environmental contamination.

This material and its container must be disposed of as hazardous waste.

If swallowed, rinse mouth with water (only if the person is conscious)

16 Other information

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."

USA