

SAFETY DATA SHEET**Greasolve - Chemodex****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name Greasolve - Chemodex

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Degreasing liquid for metal parts.

Uses advised against This product is not recommended for any other purpose than stated above.

1.3. Details of the supplier of the safety data sheet

Supplier Chemodex Ltd
Canal Road
Worksop
Nottingham
S80 2EH

01909 473301
01909 500961

1.4. Emergency telephone number

Emergency telephone As Above - Opening Hours 9 am - 4 pm (Monday - Friday)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification****Physical hazards**

Not Classified

Health hazards

Eye Irrit. 2 - H319 STOT SE 3 - H335 Asp. Tox. 1 - H304

Environmental hazards

Aquatic Chronic 2 - H411

2.2. Label elements**Pictogram****Signal word**

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

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- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER/doctor if you feel unwell.
- P331 Do NOT induce vomiting.
- P501 Dispose of contents/container in accordance with national regulations.

Contains Hydrocarbons, C10, aromatics

Detergent labelling < 5% non-ionic surfactants

Supplementary precautionary statements

- P261 Avoid breathing vapour/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P391 Collect spillage.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hydrocarbons, C10, aromatics	60-100%
CAS number: 64742-95-6 EC number: 265-199-0	
Classification STOT SE 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn;R65. Xi;R37. N;R51/53. R10.
Alcohols C9-11, ethoxylated	1-5%
CAS number: 68439-46-3 EC number: —	
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC or 1999/45/EC) Xn;R22. Xi;R41.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Immediately remove any clothing soiled by the product.

Inhalation

Supply fresh air; consult doctor in case of complaints.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. Get medical attention immediately.

Skin contact

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Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

May cause respiratory irritation.

Ingestion

May be fatal if swallowed and enters airways. May cause stomach pain or vomiting.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor

No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with the following media: Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc. Foam.

Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Fire creates: Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting

Control run-off water by containing and keeping it out of sewers and watercourses. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters

Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Remove all sources of ignition.

6.2. Environmental precautions

Environmental precautions

Avoid the spillage or runoff entering drains, sewers or watercourses. If substance has entered a water course or sewer or contaminated soil or vegetation, advise the appropriate authorities.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Do not use sawdust or other combustible material. Contain and absorb spillage with sand, earth or other non-combustible material. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Container must be kept tightly closed when not in use. Ensure adequate ventilation of the working area. Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Protect from heat.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Avoid contact with oxidising agents. Avoid acids. Keep container tightly closed. Avoid direct sunlight. Do not store near heat sources or expose to high temperatures.

Storage class

Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Hydrocarbons, C10, aromatics (CAS: 64742-95-6)

DNEL

Consumer - Oral; Long term systemic effects: 7.5 mg/kg/day
Consumer - Dermal; Long term systemic effects: 7.5 mg/kg/day
Industry - Dermal; Long term systemic effects: 12.5 mg/kg/day
Consumer - Inhalation; Long term systemic effects: 32 mg/m3
Industry - Inhalation; Long term systemic effects: 151 mg/m3

Alcohols C9-11, ethoxylated (CAS: 68439-46-3)

Ingredient comments

No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear tightly sealed goggles

Hand protection

The glove material has to be impermeable and resistant to the product / the substance / the preparation. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Protective gloves should be replaced at first signs of wear.

The following materials are suitable:

Protective gloves complying with EN 374.

Nitrile Rubber

PVC

Hygiene measures

Based on and limited to our experience of this product, the following special advice is believed to provide satisfactory protection for the industrial user or handler. The choice of suitable protective equipment depends on work conditions and what methods are used for handling the substance. This advice is not a substitute for each Company conducting their own Risk/COSHH

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Assessments, but is provided as general guidance. Do not smoke in the work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use barrier cream to prevent drying of skin. Eating, smoking and water fountains prohibited in immediate work area.

Respiratory protection

Use suitable respiratory protective device in case of insufficient ventilation. In confined or poorly ventilated areas suitable respiratory protection should be used if exposed to high levels of spray or mist.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear, yellowish liquid.

Colour

Light (or pale).

Odour

Solvent.

Flash point

~ 63°C

Relative density

~ 0.9

Solubility(ies)

Soluble in water.

9.2. Other information

Other information

No relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

May react with: strong acids, strong alkalis and oxidising agents.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Not applicable. No potentially hazardous reactions known.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid

Strong acids. Strong oxidising agents. Strong alkalis.

10.6. Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)

177,777.77777778

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Route of entry

Inhalation Ingestion. Skin and/or eye contact Refer to Section 4 of SDS for routes of exposure and corresponding symptoms.

Target organs

Respiratory system, lungs

Medical symptoms

Irritation of eyes and mucous membranes. Skin irritation.

Medical considerations

Skin disorders and allergies.

Toxicological information on ingredients.

Hydrocarbons, C10, aromatics

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg)

5,000.0

Species

Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg)

2000.0

Species

Rabbit

SECTION 12: Ecological Information

Ecotoxicity

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

12.1. Toxicity

Ecological information on ingredients.

Hydrocarbons, C10, aromatics

LC/EC/IC 50:

>1-<10mg/l (fish)

>1-<10mg/l (aquatic invertebrates)

>1-<10mg/l (algae)

>10-<100mg/l (Bacteria) (micro-organisms)

NOEC:

>0.1-<1.0mg/l (fish)

>0.1-<1.0mg/l (l) (aquatic invertebrates)

12.2. Persistence and degradability

Ecological information on ingredients.

Hydrocarbons, C10, aromatics

Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

Ecological information on ingredients.

Hydrocarbons, C10, aromatics

No further relevant information available.

12.4. Mobility in soil

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Ecological information on ingredients.

Hydrocarbons, C10, aromatics

Mobility

No further relevant information available.

12.5. Results of PBT and vPvB assessment

Ecological information on ingredients.

Hydrocarbons, C10, aromatics

Not applicable

12.6. Other adverse effects

Ecological information on ingredients.

Hydrocarbons, C10, aromatics

No supplementary information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

The packaging must be empty (drop-free when inverted).

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Packaging: Recover and reclaim or recycle. If practical.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
UN No. (ICAO)	3082
UN No. (ADN)	3082

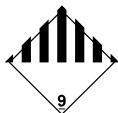
14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. CONTAINS SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. CONTAINS SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. CONTAINS SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. CONTAINS SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

Transport labels

Greasolve - Chemodex**14.4. Packing group**

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



Yes.

14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

EU legislation

Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

Health and environmental listings

Regulation (EC) 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (as amended).

Water hazard classification

WGK 1

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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General information

PLEASE NOTE: The risk phrases itemised below are those relating to concentrated forms of the raw materials used in this product and are not necessarily applicable to the finished item. Please see Section 2 for the current classification of this product.

Revision date 14/05/2015

Revision 2

Risk phrases in full

R65 Harmful: may cause lung damage if swallowed.

Hazard statements in full

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

Disclaimer

The information provided in this document is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties, accuracy, reliability or completeness. In no event we will be responsible for damages or effects of any nature whatsoever, either express or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application by carrying out a full risk assessment of their specific processes and systems of work. All information contained within this document is for the product in its undiluted state and relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated.