SAFETY DATA SHEET

HEAVY DUTY TAR & GLUE REMOVER

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

HEAVY DUTY TAR & GLUE REMOVER

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

Cleaning Product

1.3 Details of the supplier of the data sheet

Travik Chemicals (UK) Limited
Grindon Way
Aycliffe Industrial Park
Newton Aycliffe
County Durham
DL5 6SH
United Kingdom
info@travik.co.uk
www.travik.co.uk
Tel: 01325 307000
Fax: 01325 307070

1.4 Emergency telephone number

Nearest anti-poison centre or Guy's Hospital Poisons Unit, LONDON SE14 SER. (00 44)(1 71) 6 35 91 91
During normal opening times: 01325 307000 (08.30 - 16.30)

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

- STOT SE, Category 3.
- Asp. Tox. Category 1.
- Aquatic Chronic, Category 2.

2.2 Label Elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Pictogram(s):

Signal Word (s):

- DANGER

Hazard Statement(s):

- H304 – May be fatal if swallowed and enters airways.
- H336 – May cause drowsiness or dizziness.
- H411 – Toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

- P102 – Keep out of reach of children.
- P261 – Avoid breathing mist/vapours/spray.
- P271 – Use only outdoors or in a well-ventilated area.

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- P280 – Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P331 – Do NOT induce vomiting.

Supplemental Hazard Statement(s):

- EUH 066 – Repeated exposure may cause skin dryness or cracking.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:

Component	CAS	EINECS	CHIP CLASS.	CLP CLASS.	%
Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, Cyclics, <2% Aromatics	64742-48-9	918-481-9	Xn; R65, R66.	EUH066. Asp. Tox. 1: H304	20-50%
Hydrocarbons, C10, aromatics, <1% naphthalene	64742-94-5	919-284-0	Xn; R65, R66, R67. N; 51/53.	Asp. Tox. 1: H304. STOT SE 3:H336. Aquatic Chronic 2: H411. EUH066	20-50%
Alcohols C9 – 11 branched and linear,ethoxylated 5-20 EO	68439-46-3	N/A	Xn; R22, Xi; R41	Acute Tox. 4: H302. Eye Dam. 1: H318	1-10%
Coconut Diethanolamide	68155-07-7	931-329-6	Xi: R38; Xi: R41	Skin ittit.2: H315; Eye Dam.1 H318; Aquatic Chronic 2: H411	1-10%

See Section 16 for the full text of the R-phrases and H statements declared above.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Notes to the physician:

- No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

In the event of exposure by inhalation:

- Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position. Call a physician immediately.

In the event of splashes or contact with eyes:

- Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

In the event of splashes or contact with skin:

- Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

In the event of swallowing:

- DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

4.2 Most important symptoms and effects, both acute and delayed

- Vapours may cause drowsiness and dizziness. Vapours inhaled in high concentrations have a narcotic effect on the central nervous system.
- May cause stomach pain or vomiting. The product may enter the lungs due to its low viscosity, and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours).
- Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision.
- Skin irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blisters.
- Defatting dermatitis signs and symptoms may include a burning sensation and/or a dried/cracked appearance.

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4.3 indication of any immediate medical attention and special treatment needed

- No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!
- Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

- Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.
- Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

- The vapour may be invisible, heavier than air and spread along ground.
- Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Hydrocarbons. Aldehydes.
- The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. In case of fire, toxic gases may be formed.

5.3 Advice for firefighters

- In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit)
- Cool closed containers exposed to fire with water spray. Heating will cause a pressure rise - with risk of bursting.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Consult the safety measures listed under headings 7 and 8.

For non fire-fighters

- If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

For fire-fighters

- Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

- Collect as much as possible in a clean container for (preferable) reuse or disposal.

6.3. Methods and material for containment and cleaning up

- Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4. Reference to other sections

- No data available.

SECTION 7. HANDLING AND STORAGE

- Requirements relating to storage premises apply to all facilities where the mixture is handled.
- Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

- Always wash hands after handling.
- Remove and wash contaminated clothing before re-using.

Recommended equipment and procedures:

- For personal protection, see section 8.
- Observe precautions stated on label and also industrial safety regulations
- Avoid skin and eye contact with this mixture.

Prohibited equipment and procedures:

- No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

- Store between 4°C and 25°C in a dry, well ventilated place.
- Combustible liquid. Keep away from sources of ignition - No smoking. The vapour may be invisible, heavier than air and spread along ground. Vapours may form explosive mixtures with air. Take measures to prevent the build up of electrostatic charge.

Storage

- Keep the container tightly closed in a dry, well-ventilated place

Packaging

- Always keep in packaging made of an identical material to the original

7.3. 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:

Component	List	Type	Value
Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, Cyclics, <2% Aromatics	UK WEL	TWA	1000mg/m3

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

- Eye / face protection

- Use chemical goggles. Chemical goggles should be consistent with EN 166 or equivalent.

- Skin Protection:

- When prolonged or frequently repeated contact could occur, use protective clothing chemically resistant to this material. Selection of specific items such as faceshield, boots, apron, or full-body suit will depend on the task.

Hand protection

- Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

- Respiratory protection

- Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process.
- In case of insufficient ventilation, wear suitable respiratory equipment.
- Use respirator with appropriate filter if vapours or aerosol are released.
- Recommended Filter type: A.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information:

Physical state:	Liquid
Colour	Clear, pale yellow.
Odour	Petrochemical/solvent.
pH of the substance or preparation:	N/A – Non-aqueous.
Flash point interval:	66 Deg C

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Vapour pressure: not determined

Relative Density: 0.86

Water solubility: Insoluble in water Soluble in: Organic solvents

9.2. Other information

- No data available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

- No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

- This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

- Exothermic reaction with strong acids. Incompatible with oxidizing agents.

10.4. Conditions to avoid

- Heat, flames or sparks.
- **10. 5. Incompatible materials**
- Keep away from: Strong oxidising agents, strong acids.

10.6. Hazardous decomposition products

- Under fire conditions: Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Mixture:

- No toxicological data available for the mixture.

Skin corrosion/skin irritation:

- Causes skin irritation.

Serious damage to eyes/eye irritation:

- Not determined.

Respiratory or skin sensitisation:

- Not determined.

Component Toxicology:

Component	Test	Type	Value
Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, Cyclics, <2% Aromatics	Acute Oral Toxicity	LD50, Rat-Male, Female	>5000mg/kg
Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, Cyclics, <2% Aromatics	Skin Absorption	LD50, Rabbit	>5000mg/kg
Hydrocarbons, C10, aromatics, <1% naphthalene	Acute Oral Toxicity	LD50, Rat-Male, Female	5000mg/kg
Hydrocarbons, C10, aromatics, <1% naphthalene	Skin Absorption	LD50, Rabbit	2000mg/kg
Alcohols C9 – 11 branched and linear,ethoxylated 5-20 EO	Acute Oral Toxicity	LD50, Rat-Male, Female	>1,200mg/kg
Coconut Diethanolamide	Acute Oral Toxicity	LD50, Rat-Male, Female	>5,000mg/kg
Coconut Diethanolamide	Skin Absorption	LD50, Rat-Male, Female	>2,000mg/kg

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SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Component Ecotoxicology:

Component	Test	Type	Value
Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, Cyclics, <2% Aromatics	Fish	96H LC50	>100mg/l
Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, Cyclics, <2% Aromatics	Daphnia	48H EC50	>100mg/l
Hydrocarbons, C10-C13, N-Alkanes, Isoalkanes, Cyclics, <2% Aromatics	Algae	72H EC50	>100mg/l
Hydrocarbons, C10, aromatics, <1% naphthalene	Fish	96H LC50	2-5mg/l
Hydrocarbons, C10, aromatics, <1% naphthalene	Daphnia	48H EC50	<10mg/l
Hydrocarbons, C10, aromatics, <1% naphthalene	Algae	72H EC50	1-3mg/l
Alcohols C9 – 11 branched and linear,ethoxylated 5-20 EO	Fish	96H LC50	5 – 7mg/l
Alcohols C9 – 11 branched and linear,ethoxylated 5-20 EO	Daphnia	48H EC50	5.1mg/l
Alcohols C9 – 11 branched and linear,ethoxylated 5-20 EO	Algae	72H EC50	1.4 – 47mg/l
Coconut Diethanolamide	Fish	96H LC50	2.4mg/l
Coconut Diethanolamide	Daphnia	48H EC50	3.2mg/l
Coconut Diethanolamide	Algae	72H EC50	3.9mg/l

12.2. Persistence and degradability

- Readily biodegradable.
- The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents

12.3. Bioaccumulative potential

- No data available.

12.4. Mobility in soil

- Ecotoxical effects:
  Remark: Toxic for fish
  Also poisonous for fish and plankton in water bodies.
- No further relevant information available.

12.5. Results of PBT and vPvB assessment

- No data available.

12.6. Other adverse effects

- No know significant effects or critical hazards

SECTION 13. DISPOSAL CONSIDERATIONS

- Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Waste:

- Must be disposed of in accordance with local and national regulations.

Soiled packaging:

- Dispose of as normal industrial waste. If empty containers are recycled or disposed of, the receiver must be informed about possible hazards. NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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SECTION 14. TRANSPORT INFORMATION

14.1 UN Number
UN Number: 3082
14.2 UN proper shipping name
Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3 Transport hazard class(es)
Transport class: 9
14.4 Packing group
Packing group: III
14.5 Environmental hazards
Environmentally Hazardous Substance/Marine Pollutant.

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- Particular provisions:

- No data available.

15.2. Chemical safety assessment

- No data available.

SECTION 16. OTHER INFORMATION

- Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
- It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
- The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.
- To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein
- Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist

Full Text of abbreviated H Statements:
H302 – Harmful if swallowed.
H304 – May be fatal if swallowed and enters airways.
H315 – Causes skin irritation.
H318 – Causes serious eye damage.
H336 – May cause drowsiness or dizziness.
H411 – Toxic to aquatic life with long lasting effects.
EUH 066 – Repeated exposure may cause skin dryness or cracking.

Full Text of abbreviated R-Phrases:
R22 – Harmful if swallowed.
R38 – Irritating to skin.
R41 – Risk of serious damage to the eyes.
R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 – Harmful: may cause lung damage if swallowed.
R66 – Repeated exposure may cause skin dryness or cracking.
R67 – Vapours may cause drowsiness and dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.