

SAFETY DATA SHEET

Product Name

SUPER TAR REMOVER

Revision Date: 22/03/2024

Version: 001

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : SUPER TAR REMOVER

Recommended Use : Cleaner degreaser for industrial use

Company Details : Advance International Cleaning System (NZ) Ltd

Address : 663 Great South Road, Penrose, Auckland 1642

Telephone Number : +64 9 525 3792

Emergency Telephone: Number : National Poison Information Centre **0800 764 766**

Date of Preparation :22/03/2024

2. HAZARD IDENTIFICATION

GHS Classification and Categories

Flammable Liquids	:Category 3
Skin corrosion/irritation	:Category 3
Reproductive toxicity	:Category 2
Specific target organ toxicity (single exposure)	:Category 2
Aquatic toxicity (chronic)	:Category 2



DANGER

Code	Hazard Statement
H226	Flammable liquid and vapour.
H316	Causes mild skin irritation.
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged exposure
H411	Toxic to aquatic life with long lasting effects.

Prevention Statement

P101	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P273	Avoid release to the environment.

Response Statement

P305 + P351 + P338 IF IN EYES: Get immediate medical advice/attention.

Remove contact lenses, if present and easy to do. Continue rinsing.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370 + P378 In case of fire: Use powdered type extinguisher for extinction

P332 + P313 IF skin irritation occurs: Get medical advice/attention.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell.

P391 Collect spillage.

Storage



P403 + P235

Store in a well-ventilated place. Keep cool.

Disposal Statement

P501

Dispose through licensed disposal contractor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS#	Concentration %
Aliphatic Hydrocarbon	64742-82-1	48-58
Aromatic Hydrocarbon	64742-95-6	47-52
Dimethylbenzene	1330-20-7	5-10

4. FIRST AID MEASURES

Ingestion

Rinse mouth. Do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Avoid giving milk or oils. Avoid giving alcohol. If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.

Eye contact

Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin contact

Take off immediately all contaminated clothing and wash it before re-use. Immediately call a POISON CENTRE, doctor, or physician.

Inhalation

If fumes or combustion products are inhaled, remove from contaminated area. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary

Poison Information Centre: Call 0800 764 766 (0800 POISON)

5. FIRE FIGHTING MEASURE



Extinguishing Media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam. Keep containers cool and protect exposed material. If a leak or spill has not ignited, water spray may be used to flush spills away from exposures.

Hazards from combustion products

While burning, it will emit toxic fumes including carbon monoxide and carbon dioxide.

Precautions for fire fighters and special protective equipment:

Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion as well as structural fire fighter's uniform.

Hazchem code

3YE

6. ACCIDENTAL RELEASE MEASURES

Emergency Precautions:

Personal precautions, protective equipment and emergency procedures Wear suitable protective clothing, gloves, and eye/face protection. Evacuate all unnecessary personnel. Increase ventilation. Use clean, non-sparking tools and equipment. Absorb onto dry sand or similar inert material and place in recovery containers for disposal. Avoid release to the environment.

Waste Disposal Method:

Dispose through Licensed Disposal Company

7. HANDLING AND STORAGE

SAFE HANDLING PROCEDURES

- a. Keep out of reach of children.
- b. Read label before use.
- c. Obtain special instructions before use.
- d. Do not handle until all safety precautions have been read and understood.
- e. Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- f. Keep container tightly closed.
- g. Ground/bond container and receiving equipment.
- h. Use explosion-proof electrical, ventilating, and lighting.
- i. Use only non-sparking tools.
- j. Use only non-sparking tools.



- k. Avoid release to the environment
- l. Wear protective clothing.
- m. Use personal protective equipment as required

Handling:

Wash hands thoroughly after handling. Use only in a well-ventilated area. Avoid contact with eyes, skin, and clothing. Empty containers retain product and residue (liquid or vapour) and can be dangerous. Keep container tightly closed. Always wash hands before smoking, eating, or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Do not dispose of material to sewers or waterways.

Advice on general occupational hygiene: Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink, and animal feeding stuffs. Wash hands before breaks and at the end of workday. Wash face, hands, and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required. Avoid contact with skin and eyes. Do not eat, drink, or smoke when using this product. Use only with adequate ventilation.

Storage:

Containers must be carefully vented to release the pressure build up. Store in cool, dry, well-ventilated area away from incompatible substances. Keep containers always closed, check regularly for leak.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE STANDARDS

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

	TWA	STEL
Substance	ppm mg/m ³	ppm mg/m ³

No ingredients have exposure limits.

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WESTWA; both the short-term and time-weighted average exposures apply.

Workplace Exposure Standards and Biological Exposure Indices NOV 2017 9TH EDITION.

Appropriate engineering controls: Local exhaust ventilation usually required.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Environmental exposure controls: Should not reach sewage water or drainage.

PERSONAL PROTECTIVE EQUIPMENT



Respiratory Protection: Where concentration in air may exceed the limits described in the National Exposure Standards, it is recommended to use a self-contained Breathing apparatus required if using in a confined space.

Eye Protection: Safety glasses with a side shield or a full-face shield should be worn.

Skin/Hand Protection: Always wear long sleeves and long trousers or coveralls, enclosed footwear or safety boots and chemical resistant gloves when manufacturing this product.

Chemical-resistant protective gloves (EN 374). Verify instructions regarding permeability and breakthrough time, as provided by the glove's supplier. Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature. Suggested gloves for prolonged contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm

Suggested gloves for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm in consultation with the supplier of protective gloves a different type providing similar protection maybe chosen.

Body protection: Wear chemical-resistant clothing and boots in case direct dermal exposure and/or splashes may occur (EN 14605).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Clear Colourless
Physical State	: Liquid
Odour	: Solvent Odour
pH	: Not Applicable
Solubility	: Insoluble in water



Vapour Density	: Not Applicable
Boiling point	: 154-192
Freezing Point	: Not Applicable
Ignition Point	: Not Determined
Flash Point	: 41°C
Specific Gravity	: 0.700
Vapour pressure	: >30
% Volatilities	: 100%

10. STABILITY AND REACTIVITY

Chemical Stability: No reactivity hazards known under normal storage and use conditions. Stable at room temperature and pressure.

Conditions to avoid: Avoid excessive heat, direct sunlight, moisture, high temperatures. Avoid heat and ignition. No hazardous reactions known under normal storage and use conditions.

Incompatible Materials: Incompatible with oxidizing agents, acidic agents, including acidic clays and sources of Ignition. Reacts with acids.

Hazardous decomposition: When involved in a fire, this product will generate carbon monoxide.

Hazardous reactions: Oxidizing agents, mineral acids, halogenated organic compounds.

11. TOXICOLOGICAL INFORMATION

Mixture data:

No adverse health effects expected if the product is handled in accordance with the safety data sheet. Symptoms or effects that may arise if the product is mishandled and the overexposure occurs are:

Acute Effects

Ingestion: Small amounts of liquid aspirated into lungs during ingestion, or from vomiting. Ingestion of large amounts of this product will result in headaches, nausea, dizziness, and tracheal burning.

Eye Contact: This product is irritating, and pain followed by swelling to the conjunctiva.

Skin Contact: This product is irritating to skin.

Inhalation: Irritating to respiratory tract. Exposure to high concentrations over an extended period may result in muscle weakness, tingling in hands and feet, blurred

vision, headaches, nausea, loss of appetite, hallucinations, and possible loss of consciousness.

12. ECOLOGICAL INFORMATION

9.1B Toxic to aquatic life with long lasting effects.

Persistence/ degradability: No data available

Bioaccumulation: No data available.

Mobility in the soil: No data available

Other adverse effects: No data available

Environmental Precautions: Do not allow the product to wash into waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Empty packaging should be taken for recycling, recovery, or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Waste treatment methods
Waste from residues / unused concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers are discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation. Ensure empty containers are vented and dry. Residues may cause an explosion hazard. Do not puncture, cut or weld un-cleaned drums. Send clean dry drums to recycler or metal scrap re-claimer. Do not use empty drums for storing other products

14. TRANSPORT INFORMATION

IMAGE/PICTOGRAM





Land transport, Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

Road and Rail Transport: Classified as Dangerous Goods by the criteria of New Zealand Dangerous Goods Code for transport by road and rail.

Marine Transport: Classified as Dangerous Goods by the criteria of international Maritime Dangerous Goods Code for transport by sea.

Air Transport: Classified as Dangerous Goods by the criteria of international Air Association Dangerous Goods Regulations for transport by air

Shipping Name : **Flammable Liquid N.O.S**
Hazard Class : **3**
Primary
UN Number : **1300**
Packing Group : **III**
Hazchem code : **3(Y)E**
MO/IMDG :

Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

15. REGULATORY INFORMATION

Safety, health, and environmental regulations/legislation specific for the substance or mixture

HSNO Approval No : HSR002528
Group Standard : Cleaning Products (Flammable) Group standard 2020

Inventory Listing(s) : New Zealand: NZIoC (New Zealand Inventory of Chemicals) All components are listed on the NZIoC inventory or are exempt.

16. OTHER INFORMATION

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

New Zealand National Poison Information Centre: 0800 764 766

New Zealand Emergency Services: 111

Advance International Cleaning Systems (NZ) Limited: +64 9 525 3792

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific



properties. Customers are encouraged to conduct their own tests as end user suitability of the product for uses is beyond our control. The information is not intended as an inducement to bargain, and no warranty expressed or implied is made as to its accuracy, reliability or completeness.

Advance International Cleaning Systems (NZ) Limited accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product complies with appropriate Local Councils regulations.

End of Safety Data Sheet