Safety Data Sheet

CHEMICAL MAN PTY LTD
GLEAM-IT PRODUCTS - PROTECH PRODUCTS
ECOCLEAN AVANTI

Hazardous, Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Extra Shine

Recommended use: Tyre dressing

Supplier: Gleam-It Products (Chemical Man Pty Ltd)
ABN: 38 630 192 022
Street Address: 2/12 Commercial Dr
Ashmore 4214
Telephone: (07) 5531 1544
Facsimile: (07) 5591 1800
Email: info@chemicalman.com.au

Emergency Telephone number: **13 11 26**

2. HAZARDS IDENTIFICATION

This material is hazardous according to the criteria of Safe Work Australia GHS 7.

Signal Word
Danger

Hazard Classifications
Flammable Liquids - Category 2
Aspiration Hazard - Category 1
Skin Irritation - Category 2
Reproductive Toxicity - Category 2
Specific Target Organ Toxicity (Repeated Exposure) - Category 2

Hazard Statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

Prevention Precautionary Statements

P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
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 and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating, lighting and all other equipment.
P242	Use non-sparking tools.

P243	Take action to prevent static discharges.
P260	Do not breathe fumes, mist, vapours or spray.
P264	Wash contaminated skin thoroughly after handling.
P280	Wear protective gloves and protective clothing including eye protection.

Response Precautionary Statements

P101	If medical advice is needed, have product container or label at hand.
P303+P361+P353	IF ON SKIN or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower.
P321	Specific treatment (see first aid section on product label).
P332+P313	If skin irritation occurs: Get medical advice.
P362+P364	Take off contaminated clothing and wash it before reuse.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
P331	Do NOT induce vomiting.
P308+P313	IF exposed or concerned: Get medical attention.
P314	Get medical attention if you feel unwell.
P370+P378	In case of fire: Use foam, water spray, water fog, dry chemical powder or carbon dioxide to extinguish.

Storage Precautionary Statements

P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Disposal Precautionary Statement

P501	Dispose of contents and container in accordance with local, regional, national and international regulations.

Poison Schedule: S5 Caution

DANGEROUS GOOD CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Dangerous Goods Class: 3

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
Solvent naphtha, petroleum, light aliphatic	64742-89-8	10 - 30 %
Ingredients determined to be non-hazardous		Balance
		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove person from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical assistance if effects persist.

Skin Contact: If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor; or for 15 minutes and transport to doctor or hospital. For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). For skin burns, cover with a clean, dry dressing until medical help is available. If blistering occurs, do NOT break blisters. If swelling, redness, blistering, or irritation occurs seek medical advice.

Eye contact: If in eyes wash out immediately with water. In all cases of eye contamination, it is a sensible precaution to seek medical advice.

Ingestion: Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious person. If vomiting occurs give further water. Immediately call Poisons Centre or doctor for medical attention.

PPE for First Aiders: Wear overalls, gloves, apron, safety shoes and safety glasses. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically

5. FIRE FIGHTING MEASURES

Hazchem Code: 3YE

Suitable extinguishing media: If material is involved in a fire use foam, water spray, water fog, dry chemical powder or carbon dioxide to extinguish.

Specific hazards: Highly flammable liquid and vapour. May form flammable vapour mixtures with air. Carbon monoxide may be evolved if incomplete combustion occurs. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Fire fighting further advice: Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS
Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust (from dried product). Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS
Clear area of all unprotected personnel. Consider initial evacuation distance of 200 metres in all directions. Stop leak, if safe to do so. If safe to do so, shut off all possible sources of ignition. If available, use water spray to disperse vapour. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No: 128

7. HANDLING AND STORAGE

Handling: Highly flammable liquid and vapour. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Wear protective equipment if risk of exposure occurs. Avoid contact with incompatible materials. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and all other equipment. Use non-sparking tools. Take action to prevent static discharges. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Wash contaminated skin thoroughly after handling. Work clothes should be laundered prior to reuse.

Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

This material is classified as a Class 3 Flammable Liquid as per the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and/or the "New Zealand NZS5433: Transport of Dangerous Goods on Land" and must be stored in accordance with the relevant regulations.

This material is a Schedule 5 (Caution) Scheduled Poison and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a biological limit allocated.

Engineering Measures: Use only in well ventilated areas. Natural ventilation should be adequate under normal use conditions. If engineering controls are ineffective at controlling airborne concentrations and/or an inhalation risk exists, use with local exhaust ventilation or while wearing appropriate respirator.

Personal Protection Equipment: OVERALLS, GLOVES, APRON, SAFETY SHOES, SAFETY GLASSES

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear overalls, gloves, apron, safety shoes and safety glasses. A face shield may be used in conjunction with eye protection for supplementary protection of the face, never primary protection of the eyes. If engineering controls are ineffective at controlling airborne concentrations and/or an inhalation risk exists, use appropriate respiratory protection (filter for organic gases and vapours with boiling point >65ºC). Respiratory protection should comply with AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Colourless
Odour:	R55

Solubility:	Not miscible with water
Specific Gravity:	0.70 - 0.80 @ 20ºC
Relative Vapour Density (air=1):	N Av
Vapour Pressure:	34.5 Typical
Flash Point (°C):	-30ºC (Abel)
Explosion/Flammability Limits:	1.0% - 7.5%
Autoignition Temperature (°C):	280ºC (ASTM E-659)
Melting Point/Range (°C):	N Av
Boiling Point/Range (°C):	50 - 135ºC
Viscosity:	Water thin
Total VOC (g/Litre):	ca. 90% v/v
% Volatile by Volume:	ca. 90% v/v

10. STABILITY AND REACTIVITY

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Heat, sparks, open flames, hot surfaces and other ignition sources

Incompatible materials: Strong oxidising agents

Hazardous decomposition products: Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

Hazardous reactions: Highly flammable liquid and vapour

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects
Inhalation: Material may be an irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in irritation.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed. May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

Eye contact: May be an eye irritant.

Acute toxicity
Inhalation: This material has been classified as not hazardous for acute inhalation exposure.

Skin contact: This material has been classified as not hazardous for acute dermal exposure.

Ingestion: This material has been classified as not hazardous for acute ingestion exposure.

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as a Category 2 Hazard (reversible effects to skin). Causes skin irritation.

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as Aspiration Hazard - Category 1. May be fatal if swallowed and enters airways.

Specific target organ toxicity (single exposure): This material has been classified as not a specific hazard to target organs by a single exposure.

Chronic Toxicity
Mutagenicity: This material has been classified as not a mutagen.

Carcinogenicity: This material has been classified as not a carcinogen.

Reproductive toxicity (including via lactation): This material has been classified as a Category 2 Hazard. Suspected of damaging fertility or the unborn child.

Specific target organ toxicity (repeat exposure): This material has been classified as a Category 2 Hazard. May cause damage to organs through prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as a Category 2 Hazard for acute aquatic exposure. Toxic to aquatic life.

Long-term aquatic hazard: This material has been classified as not hazardous for chronic aquatic exposure. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data.

Ecotoxicity: Toxic to aquatic life.

Persistence and degradability: Readily biodegradable. Oxidises by photo-chemical reactions in air.

Bioaccumulative potential: Has the potential to bioaccumulate.

Mobility: Floats on water. Absorbs on soil.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

UN No:	1268
Dangerous Goods Class:	3
Packing Group:	II
Hazchem Code:	3YE
Emergency Response Guide No:	128
Limited Quantities	1 L
Proper Shipping Name:	PETROLEUM DISTILLATES, N.O.S. (SOLVENT NAPHTHA)

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code.

UN No:	1268
Dangerous Goods Class:	3
Packing Group:	II
Proper Shipping Name:	PETROLEUM DISTILLATES, N.O.S. (SOLVENT NAPHTHA)

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No:	1268
Dangerous Goods Class:	3
Packing Group:	II
Proper Shipping Name:	PETROLEUM DISTILLATES, N.O.S. (SOLVENT NAPHTHA)

15. REGULATORY INFORMATION

This material/constituent(s) is covered by the following requirements:

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth): S5 Caution

AICIS Status: All components of this product are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).

16. OTHER INFORMATION

Reason for issue:	5 Yearly Revision
Version:	4
Review by:	11-Apr-2030

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer, it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.