

Infosafe No™ VARDV	Issue Date : November 2016	ISSUED by HUNTERST
Product Name VEH 12		

1. Identification

GHS Product Identifier	VEH 12
Company Name	Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)
Address	60 Gleadow Street INVERMAY TAS 7248 Australia
Telephone/Fax Number	Tel: 03 6331 4755 Fax: 03 6334 1065
Emergency phone number	0407 610 542
Recommended use of the chemical and restrictions on use	As a motor cleaner and degreaser. Use as directed on the product label.

2. Hazard Identification

GHS classification of the substance/mixture	Aspiration Hazard: Category 1 Flammable Liquids: Category 3 Hazardous to the Aquatic Environment - Long-Term Hazard: Category 3 Skin Corrosion/Irritation: Category 2 STOT Single Exposure: Category 3 (narcotic) Toxic to Reproduction: Category 2
Signal Word (s)	DANGER
Hazard Statement (s)	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H361 Suspected of damaging fertility or the unborn child . H412 Harmful to aquatic life with long lasting effects.
Precautionary statement – General	P102 Keep out of reach of children. P103 Read label before use.
Pictogram (s)	Flame, Exclamation mark, Health hazard



Precautionary statement – Prevention	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. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statement – Response	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P331 Do NOT induce vomiting. P332+P313 If skin irritation occurs: Get medical advice/attention. P370+P378 In case of fire: Use foam or dry agent for extinction.

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Precautionary statement – Storage P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.

Precautionary statement – Disposal P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Toluene	108-88-3	10-30 %
	Surfactants	N/A	10-30 %
	Other ingredients determined not to be hazardous	Not required	to 100%
	White Spirit	64742-89-8	>60%
	Tall Oil	8002-26-4	<10%

4. First-aid measures

Inhalation Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a face mask. Seek medical advice.

Ingestion Immediately rinse mouth with water. Give water to drink. DO NOT INDUCE vomiting. If vomiting occurs give further water. Do not give milk, oils or alcohol. Seek immediate medical assistance.

Skin Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering, or irritation occurs seek medical advice.

Eye contact Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Urgently seek medical assistance. Transport to hospital or doctor.

First Aid Facilities Eye wash facilities, soap and water.

Advice to Doctor Product is a mixture of surfactants in mixed hydrocarbons, containing a low proportion of tall oil. Serious aspiration risk if swallowed. Harmful by inhalation. Contact Poisons Information Centre.

5. Fire-fighting measures

Suitable extinguishing media Foam or dry agent.

Hazards from Combustion Products Oxides of carbon, black smoke, oxides of sulphur, oxides of nitrogen.

Specific Methods Minimize breathing gases, vapour, fumes or decomposition products. Use supplied-breathing equipment for enclosed areas. Do not mix or store with strong oxidants. If safe to do so, remove containers from path of fire.

Specific hazards arising from the chemical Flammable liquid. Vapour/air mixtures will be heavier than air - risk of remote ignition.

Hazchem Code 3[Y]

6. Accidental release measures

Emergency Procedures Contain. Shut off all sources of ignition. Increase ventilation.

Spills & Disposal Remove all ignition sources. Keep people away. Recover free liquid. Add absorbent (sand, earth, sawdust etc.) to spill area. Avoid breathing vapours. Ventilate confined spaces. Open all windows and doors. Dispose of absorbed material at an approved disposal site or facility.

7. Handling and storage

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Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid breathing vapours. Keep away from naked flames and other sources of ignition. Pipes and vessels should be earthed when transferring between containers.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well ventilated place, out of reach of children. Large quantities should be stored in a bunded flammable store. Store in original container. Keep container tightly closed and out of direct sunlight. Prevent moisture from getting into the container. Keep away from naked flames and other sources of ignition. Prevent vapours from collecting in enclosed or low lying spaces. Keep away from oxidising agents, strong alkalis, alkali metals. Protect from physical damage. Clean up all spills and splashes promptly; avoid secondary accidents.
Unsuitable Materials	Oxidising agents, mineral acids, caustic alkalis.

8. Exposure controls/personal protection

Occupational exposure limit values	<u>Name</u>	<u>STEL</u>		<u>TWA</u>		<u>Footnote</u>
		<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	
	Toluene	565	150	377	100	
Appropriate engineering controls	Use only flame proof equipment. Ensure adequate ventilation (same as outdoors) when using. If handling industrial quantities, or if vapour risk exists, consider local mechanical exhaust/extraction to keep airborne contamination as low as possible and at least below the TLV.					
Personal Protective Equipment	Avoid contact with skin and eyes. Avoid breathing vapours. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Normal Use: Eye/face protection Gloves, rubber or plastic. Industrial Quantities: Positive pressure air hood Face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots Impervious overalls. Always maintain a high level of personal hygiene when using this product. That is wash hands before eating, drinking, smoking or using the toilet.					

9. Physical and chemical properties

Form	Liquid
Appearance	Dark, oily liquid.
Odour	Mild hydrocarbon odour.
Melting Point	Not available.
Boiling Point	From 111 °C
Solubility in Water	Miscible with water.
Specific Gravity	0.8-0.9
pH	9.7
Flash Point	Approx. 30C
Flammability	Flammable
Other Information	Mixture of surfactants in mixed hydrocarbons. May react with strong oxidising agents, concentrated mineral acids, caustic alkalis. Very slippery when spilled.

10. Stability and reactivity

Chemical Stability Stable under normal use conditons.

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Conditions to Avoid	Incompatible materials, sources of ignition.
Incompatible Materials	Oxidising agents, mineral acids, caustic alkalis.
Hazardous Decomposition Products	Oxides of carbon, oxides of sulphur, oxides of nitrogen.
Possibility of hazardous reactions	Contact with strong oxidising agents may cause fire.

11. Toxicological Information

Acute Toxicity - Oral	LD50: White spirit No data found. Toluene 636 mg/kg oral, rat. 14,100 iL/kg skin, rabbit.
Ingestion	Harmful if swallowed. May cause central nervous system depression. Likely to cause gastric upset, nausea, vomiting and diarrhoea. Serious risk of aspiration of hydrocarbon froth into the lungs.
Inhalation	Inhalation of hydrocarbon vapours may cause central nervous system effects including headache, dizziness, drowsiness, nausea, loss of consciousness and coma. Aspiration of hydrocarbon froth into the lungs may cause lung damage, pneumonitis, pulmonary oedema (fluid in the lungs) which may be fatal.
Skin	May be irritating to skin. Will degrease the skin. May cause redness, itching, dry skin, inflammation. May cause cyanosis (blue skin) of the extremities.
Eye	Irritating to eyes. May cause redness and pain. Risk of tissue damage. May cause chemical conjunctivitis and corneal damage.
Chronic Effects	Over-exposure to hydrocarbon vapours may cause irregular heart rate, central nervous system effects including impaired learning ability and psychological disorders. Repeated skin contact may cause dermatitis.

12. Ecological information

Ecotoxicity	Harmful to aquatic organisms.
Persistence and degradability	One of the surfactants used in this product is not considered to be readily biodegradable.
Mobility	Readily transported on the surface of running water.
Other Adverse Effects	Contains surfactants. Local concentrations may be harmful to aquatic organisms, including fish.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
Product Disposal	Avoid disposal to sewer, natural waters or the environment.
Special precautions for landfill or incineration	High temperature incineration. Unsuitable for landfill.

14. Transport information

Transport Information	Classified as a Class 3 Dangerous Good. Dangerous Goods of Class 3 Flammable Liquids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, if both the Class 3 and Class 2.1, dangerous goods are in bulk, Class 2.3, Class 4.2, Class 5, Class 6, if the Class 3 dangerous goods are nitromethane and Class 7.
U.N. Number	1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S.

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Transport hazard class(es)	3
Hazchem Code	3[Y]
Packing Group	III
EPG Number	3A1
IERG Number	14

15. Regulatory information

Poisons Schedule	S5
AICS (Australia)	All components listed.

16. Other Information

Date of preparation or last revision of SDS 3/11/2016

Literature References Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons
Australian Code for the Transport of Dangerous Goods by Road & Rail
Globally Harmonised System of classification and labelling of chemicals

Signature of Preparer/Data Service Technical Manager 0407 610 542

Technical Contact Numbers Emergency Advice All Hours:
Technical Manager: 0407 610 542 Mon-Fri 8am - 6pm
Poisons Information Centre: 13 11 26 - 24hrs
Transport/Fire Emergency: 000 (Emergency services)

Other Information This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.
...End Of MSDS...

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