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Infosafe No™ VAR5G Issue Date : January 2021 ISSUED by HUNTERST

Product Name INVADE

1. Identification

GHS Product

Company Name

INVADE

Identifier

Hunters Products (TAS) Pty. Ltd. (ABN 004 601 263)

Address 60 Gleadow Street INVERMAY

TAS 7248 AUSTRALIA

Tel: 03 6331 4755 Telephone/Fax Fax: 03 6334 1065 Number 0407 610 542 **Emergency phone**

number

the chemical and

Recommended use of As a heavy duty grease remover.

Use as directed on the product label.

restrictions on use

2. Hazard Identification

GHS classification of Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 1B the

substance/mixture

DANGER Signal Word (s)

Hazard Statement (s) H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage. P102 Keep out of reach of children.

Precautionary

statement - General P103 Read label before use.

Pictogram (s) Corrosion



P260 Do not breathe dust/fume/gas/mist/vapours/spray. Precautionary

P264 Wash contaminated skin thoroughly after handling. statement -

P280 Wear protective gloves/protective clothing/eye protection/face Prevention

protection.

Precautionary

statement – Response

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting. 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.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

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

P310 Immediately call a POISON CENTER or doctor/physician.

P363 Wash contaminated clothing before reuse. P405 Store locked up.

Precautionary statement - Storage

Precautionary statement - Disposal

P501 Dispose of contents/container in accordance with local regulations.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Sodium carbonate	497-19-8	30-60 %
	Disodium metasilicate	6834-92-0	10-30 %
	Alkaline Salts		10-30 %
	Sodium hydroxide	1310-73-2	10-30 %
	Ingredients determined not to be hazardous		0-10 %
	Non hazardous surfactants	Mixture	0-10 %

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4. First-aid measures

Inhalation Remove from exposure, rest and keep warm. Unless exposure has been slight,

obtain medical attention.

Ingestion If swallowed, do NOT induce vomiting. Give a glass of water to be taken

slowly. Obtain medical attention.

Skin If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

Wash clothing before re-use. If symptoms of irritation persist, see a doctor.

Eye contact If in eyes, hold eyes upen, flood with water for at least 15 minutes and see a

doctor.

First Aid Facilities Eye wash. Hand wash basin.

Advice to Doctor Product contains sodium hydroxide and disodium metasilicate. Vomiting has not

been induced because of risk of aspiration into the lungs. If swallowed, may cause holes in stomach and intestines. Evacuation of stomach should not be

attempted. Contact Poisons Information Centre.

5. Fire-fighting measures

Suitable Use dry chemical, carbon dioxide, foam or water fog.

extinguishing media

Hazards from Carbon dioxide, water vapour, sodium carbonate, oxides of sulphur and

Combustion phosphorous.

Products
Special Protective

Equipment for fire

Equipment for fire fighters

Specific hazards arising from the chemical

Not flammable. Contact with aluminium, tin, zinc or galvanised iron may generate hydrogen, a flammable gas. Will react vigorously or violently with

acids, generating much heat, and giving off carbon dioxide, a simple

Self-contained breathing apparatus (SCBA) required for fire-fighting

to spray to cool fire-exposed surfaces and to protect personnel.

asphyxiant. Contact with ammonium compounds will generate ammonia, a poisonous

personnel. If possible to do so safely, shut off fuel to fire. Use water spray

gas.

Hazchem Code 2X

6. Accidental release measures

Spills & Disposal

Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition.

CARE! Spillages will be slippery when wet. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water.

7. Handling and storage

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 dangerous goods store. Store in original container. Keep container tightly closed. Keep container dry. Keep away from acids, aluminium, tin, zinc and galvanised iron. Protect from physical damage. Clean up all spills promptly; avoid secondary accidents.

8. Exposure controls/personal protection

Occupational Name STEL TWA

mg/m3ppmmg/m3ppmFootnoteSodium hydroxide2Peak
limitation

Appropriate engineering controls

exposure limit values

Do not use on aluminium, tin, copper or copper alloys, zinc or galvanised iron. If dust risk exists, consider local mechanical exhaust/extraction to keep airborne contamination below TLV.

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Personal Protective Equipment

Avoid contact with the skin. Prevent contact with the eyes. Avoid breathing the dust. 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:

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 cleaning chemicals. That is wash hands before eating, drinking, smoking or using the

toilet.

9. Physical and chemical properties

Form Solid

Appearance White granular powder.

Odour Almost odourless.

Melting Point No data.

Solubility in Water Soluble in water, with generation of heat.

pH >13 (1% solution)

Vapour Pressure None Flash Point None.

Flammability Not flammable.

Other Information Alkaline.

Alkaline. Hygroscopic. Will absorb moisture and carbon dioxide from the air. Will react vigorously with acids, generating heat and carbon dioxide, a simple asphyxiant and chlorine, a toxic gas. Contact with aluminium, tin, zinc or galvanised iron may generate hydrogen, a flammable gas. Contact with ammonium compounds will generate ammonia, a poisonous gas. Will attack wood and paper products. May attack glass on prolonged contact. Spillages will be slippery

when wet.

10. Stability and reactivity

Chemical Stability Stable under normal use conditons.

Incompatible Materials

Acids, acidic salts, active metals (such as aluminium, tin and zinc), ammonium

compounds, wood and wood products, glass.

Hazardous Decomposition Products Emits choking and corrosive fumes when heated to decomposition.

Possibility of hazardous reactions

Will react violently with acids, generating carbon dioxide. Contact with active metals may generate hydrogen. Reaction with ammonium compounds may

generate ammonia.

11. Toxicological Information

Acute Toxicity - Oral LD 50 : Sodium carbonate anhydrous 4,090 mg/kg oral, rat.

Sodium hydroxide No data found.

Sodium metasilicate anhydrous 1,153 mg/kg oral, rat.

770 mg/kg oral, mouse.

LDLo : Sodium hydroxide 500 mg/kg oral, rabbit

Ingestion Corrosive. Can cause burns to mouth and throat, nausea, vomiting, abdominal

pains and diarrhoea (occasionally bloody). Can also cause swelling of the

larynx and suffocation, perforation of stomach and intestines with

constrictive scarring.

Inhalation Severe irritation of the nose and throat. Can cause inflammation of the lungs.

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Effects may range from mild irritation of the mucous membranes to severe pneumonitis (inflammation and damage to lung tissues), and may include cough, a burning sensation, laboured breathing, sneezing, sore throat and runny nose. Inhalation of dusts or aerosols may lead to pulmonary oedema (fluid build-up in the lungs), which may become a medical emergency. Onset of symptoms may be

delayed by several hours.

Skin May cause severe burns to the skin, with effects including; Redness,

blistering, localised pain and dermatitis.

Will cause burns to the eyes with effects including: Pain, tearing, Eye

conjunctivitis and if duration of exposure is long enough, blindness will

occur.

Chronic Effects Long term, low level exposure can lead to irritation of skin, lungs, nose,

throat and mouth.

12. Ecological information

Harmful to aquatic organisms. **Ecotoxicity**

Persistence and degradability

The surfactants used in this product are considered to be readily

biodegradable.

Mobility Powder is easily contained, but material is reasonably soluble in large

amounts of water.

Contains mixed surfactants. Local concentrations may be harmful to aquatic **Environmental Fate**

organisms, including fish.

Contains a moderate proportion of phosphate. May contribute to the development

of algal blooms in natural waters.

Environmental Protection

Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Refer to appropriate authority in your State. Dispose of material through a Waste Disposal

licensed waste contractor. Normally suitable for disposal by approved waste

disposal agent.

Special precautions

Unsuitable for incineration.

for landfill or incineration

14. Transport information

Classified as a Class 8 Dangerous Good. **Transport** Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class Information

Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the

Class 8 dangerous goods are acids and Class 7. Store away from acids.

U.N. Number

CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. **UN proper shipping**

name

8 Transport hazard

class(es)

2X **Hazchem Code**

ΙI **Packing Group** 37 **IERG Number**

15. Regulatory information

Poisons Schedule

All components listed. AICS (Australia)

16. Other Information

Date of preparation or last revision of

28/01/2021

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Literature Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice

References 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

Technical Manager 0417 807 780

Signature of Preparer/Data Service

Technical Contact

Emergency Advice All Hours:

Numbers Technical Manager: 0417 807 780 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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