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## MATERIAL SAFETY DATA SHEET

### SMACK WATER SOLUBLE HERBICIDE

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC AUSTRALIA.

### IDENTIFICATION

<u>Product Name:</u>	<b>Smack Water Soluble Herbicide</b>
<u>Other Names:</u>	None
<u>Product Code:</u>	53816
<u>UN Number:</u>	None allocated
<u>Dangerous Goods Class:</u>	None allocated
<u>Sub Risk Class:</u>	None allocated
<u>Packaging Group:</u>	None allocated
<u>Uses:</u>	Herbicide

### **Physical Description/Properties:**

<u>Appearance &amp; Odour:</u>	Colourless or light yellow liquid. Odourless.
<u>Melting / softening point:</u>	165-167°C
<u>Boiling point and vapour pressure</u>	Approx. 100°C (water)
<u>Flashpoint:</u>	Not Applicable
<u>Specific gravity:</u>	1.46 @ 20 °C
<u>Solubility in Water:</u>	Infinitely miscible
<u>Flammability Limits:</u>	Not Applicable

### **Ingredients:**

<b>Substance Name</b>	<b>Proportion</b>	<b>Cas Number</b>
Sodium 2,2,3,3 –tetrafluoropropionate	863g/L	22898-01-7
WATER	Balance	7732-18-5

**HEALTH HAZARD INFORMATION**

**Hazard Category:** None

**Acute Health Effects:**

Swallowed: If product is swallowed, vomiting will occur

Eye: Direct contact with this product causes conjunctive irritation.

Skin: May cause irritation to the skin, with effects including; Redness and itchiness.

Inhalation: This product causes irritation to the respiratory system and impairment of nervous system.

Chronic: No specific data available

**First Aid**

Swallowed: Drink several glasses of water and induce vomiting. If the victim is unconscious, never give anything by mouth and get medical attention as soon as possible.

Eye: If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eye lids are held open. If irritation persists transport to hospital or doctor.

Skin: If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists transport to hospital or doctor.

Inhalation: Move victim to fresh air. Apply resuscitation if victim is not breathing – if trained personnel available administer oxygen if breathing is difficult.

First Aid Facilities: Eye wash fountain, safety shower and normal wash room facilities.

Advise to Doctor: Treat symptomatically.

**FIRE – FIGHTING MEASURES****Fire explosion Hazards:**

If safe to do so, move undamaged containers from fire area.

**Hazardous decomposition Products:**

Decomposes on heating emitting toxic compounds such as Hydrogen Fluoride, Carbon Monoxide, Perfluorocabons and other unidentified products.

**Fire Fighting Procedures:**

Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

**Extinguishing Media:**

Water fog, Foam, Carbon Dioxide and dry chemicals suitable surrounding fire.

**Flammability:**

This material is not a flammable or combustible liquid.

**ACCIDENTAL RELEASE MEASURES**

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil – to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal. Remainder of material can be washed to drain with plenty of water.

**HANDLING AND STORAGE**

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

**EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering Controls:**

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

**Personal Protection Equipment:**

Clothing: PVC or natural rubber apron or splash suit.

Gloves: PVC or natural rubber.

Eyes: Chemical goggles or faceshield to protect eyes.

Respiratory Protection: Use mask suitable for preventing inhalation of spray mist.

Select and use respirators in accordance with AS/NZS 1715/1716. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self – contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

**STABILITY AND REACTIVITY****Stability:**

Stable under normal conditions of use.

**Hazardous Decomposition Products:**

Emits smoke and toxic fumes (such as HF, COF<sub>2</sub>, (perfluorocarbons, oxides of carbon) when heated to decomposition.

**Hazardous Polymerization:**

Will not occur.

**Incompatibilities:**

Strong alkalis, acids, oxidizing agents.

**Conditions to Avoid:**

Heat, flames and imcompatibles.

**TOXICOLOGICAL INFORMATION****Acute Toxicity:**

LD50 Oral (rat): 10600 mg/kg

LD50 Dermal (rat):> 5000 mg/kg

**Mutagenicity:**

Ames Assay: Negative

**ECOLOGICAL INFORMATION**

**Soil and Water:** Field tests indicate that fluoropropanate is immobile but persistent in the soil.

**Fish Toxicity:** TLm (48 h) for carp and rainbow trout > 10000 mg/L

**Bioaccumulation (animals):** Sodium Fluopropanate administered to rats was not detected in internal organs after 14 days

**DISPOSAL CONSIDERATIONS**

A landfill is the best method for disposal, if regulations permit. Refer to appropriate authority in your State.

Alternatively dispose of material through a licensed waste contractor.

**TRANSPORT INFORMATION**

**UN Number:** None allocated

**Proper Shipping No:** None allocated

**Dangerous Goods Class:** None allocated

**Subsidiary risk:** None allocated

**Packing Group:** None allocated

**Hazchem Code:** None allocated

Not classified as a Dangerous Good according to the Australian code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6<sup>th</sup> Edition. Not classified as a Dangerous Good according to the UN, DOT(US), IACO (IATA) or IMO(IMDG).

**REGULATORY INFORMATION**

**Poison Schedule:** S5

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**OTHER INFORMATION**

This MSDS is prepared in accord with the Worksafe Australia document "National code of Practice for the preparation of Material Safety Data Sheets" 1994.

Emergency Contact Points:

<b>Police and Fire Brigade:</b>	<b>Dial</b>	<b>000</b>
<b>National Poisons Information Centre</b>	<b>Dial</b>	<b>13 1126 (from anywhere in Australia)</b>
<b>If ineffective:</b>	<b>Dial</b>	<b>1100 (Exchange)</b>
<b>For 24 hour emergency response:</b>	<b>Dial</b>	<b>0417 920 026</b> <b>ask for Murray Goodlich</b>

Please read all labels carefully before using product.

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