

Hazardous Substance, Dangerous Goods

FH1

1. Identification of the material and supplier

Names

Product name : FHT

Supplier : SPECIALISED EQUIPMENT PTY LTD

30 GOODYEAR DRIVE THOMASTOWN VIC. 3074 TELEPHONE: (03) 9464 5144

Emergency telephone : Normal Office Hours: Monday to Friday 8.00 to 4.00 pm (EST), (03) 9464 5144

number Poisons Information Centres: 13 11 26 (Australia wide)

Emergency Services: 000 or Refer to Local Telephone Directory

<u>Uses</u>

Material uses : Hot Tank Powder
Date of issue : 28th-JANUARY-2022

2. Hazards identification

This material is hazardous according to health criteria of Safe Work Australia.



Signal Word Danger

Hazard Classifications Corrosive to Metals - Category 1

Skin Corrosion/Irritation - Category 1A Serious Eye Damage/Irritation - Category 1

Specific Target Organ Toxicity (Single Exposure) - Category 3

Respiratory Tract Irritation Acute Hazard to the Aquatic Environment - Category 3

Chronic Hazard to the Aquatic Environment - Category 3

Hazard Statements H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention

P102 Keep out of reach of children.

P103 Read label before use.

P234 Keep only in original container.

P260 Do not breathe dust, fume, gas, mist, vapours or spray. P261 Avoid breathing dust, fume, gas, mist, vapours or spray...

P264 Wash hands, face and all exposed skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective clothing, gloves and eye/face protection.

Response P101 If medical advice is needed, have product container or label at hand.

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.

PAGE 2 OF 4: FHT

P310 Immediately call a POISON CENTER or doctor/physician. P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P363 Wash contaminated clothing before reuse. P390 Absorb spillage to prevent material damage.

Storage P403+P233 Store in a well ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal P501 Dispose of contents/container in accordance with local, regional, national and

international regulations

Poison Schedule: S6.

3. Composition/information on ingredients INGREDIENTS CAS. NO.

PROPORTION

Sodium Hydroxide	1310-73-2	30-60%
Ingredients determined to be non-hazardous		Balance

4. First -aid measures

First-aid measures

Eye contact : In case of contact, immediately flush eyes with a copious amount of water for at least 15minutes.

Obtain medical attention immediately.

Skin contact : In case of contact, immediately flush skin copiously with water for at least 15 minutes while

removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly

before reuse. Obtain medical attention immediately.

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give

oxygen. Obtain medical attention immediately.

Ingestion : Do not induce vomiting. Rinse mouth; then drink one or two glasses of water. Contact a doctor or a

Poisons Information Centre (Phone: 13 11 26). Obtain medical attention immediately. Never give anything by mouth to an unconscious person. If vomiting occurs, the head should be kept low so

that vomit does not enter the lungs.

Notes to : Probable mucosal damage may contraindicate the use of gastric lavage. Measures against

Physician circulatory shock, respiratory depression and convulsions may be needed.

5. Fire-fighting measures

Hazchem code : 2R

Extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Fire/explosions hazards: No specific hazard.

Special protective Equipment for

Fire fighters

: Fire fighters should wear appropriate protective equipment and self-contained breathing

apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Hazardous Decomposition Products

: Not identified.

6. Accidental release measures

Personal Precautions : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable

protective equipment (section 8).

Environmental : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Precautions

Methods for : If emergency personnel are unavailable, contain spilt material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a

sealed, liquid- proof container for disposal. For large spills, dyke spilt material or otherwise

contain material to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling : Do not add water directly to product. Slowly stir product into water. Avoid contact with eyes, skin

and clothing. Wash thoroughly after handling.

Storage : Keep container tightly closed. Keep container in a cool, well-ventilated area.

Keep away from incompatibles, such as acids, metals and ammonium salts.

Material Compatibility: Incompatible with acids, aluminium, zinc & tin.

8. Exposure controls/personal protection

Occupational exposure limits

<u>Ingredient name</u> <u>Exposure limits</u>

Sodium Hydroxide NOHSC (Australia, 7/2003)

AMP: 2mg/m³ 15 minute(s). Form: All forms.

Engineering measures : Local exhaust ventilation should be provided.

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating,

smoking and using the lavatory and at the end of the working period. Appropriate techniques

should be used to remove potentially contaminated clothing. Wash contaminated clothing before

reusing.

Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

Eyes : Use chemical splash goggles. For continued or severe exposure wear a face shield over the

goggles.

Hands : Use chemical resistant, impervious gloves. Recommended: Elbow length PVC gloves.

Respiratory : If ventilation is inadequate, use respirator that will protect against organic vapour and dust/mist.

Respiratory protection should conform to AS/NZS 1715 AND AS/NZS 1716.

Skin : Use synthetic apron, other protective equipment as necessary to prevent skin contact.

9. Physical and chemical properties

Physical state : Solid. (Powder.)

Colour : White

Odour : Characteristic odour

Boiling point : Melting Point : Vapour pressure : -

Specific gravity : approx 1.20

Flash point : n/a
Vapour density : n/a
pH 1% : 12.0-13.0

Solubility : Easily soluble in cold water, hot water.

10. Stability and reactivity

Stability : The product is stable under normal ambient conditions of temperature and pressure.

Conditions to avoid : Direct sunlight.

Materials to avoid : Acids, metals, ammonium salts.

Hazardous Reactions : Reacts with ammonium salts evolving ammonia gas. Exposure to light and heat accelerates

decomposition.

11. Toxicological information

Sodium Hydroxide Animal Toxicity:

Oral LDLO Rabbit: 500 mg/kg

Skin, Rabbit, Adult, 500 mg/24h Severe irritation Eye, Rabbit, Adult 50mg/24h Severe irritation Intra peritoneal, Mouse, LD50 40mg/kg

Potential acute health effects

Inhalation : Severely corrosive to the respiratory system.

Ingestion : Causes severe burns.

Skin contact : Severely corrosive to the skin. Eye contact : Severely corrosive to the eyes.

PAGE 4 OF 4: FHT

Potential chronic health effects

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Reproductive toxicity : No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity data : Not available Persistence/ : Not available

Degradability

Mobility : Not available

Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Methods of disposal : Do not reuse product containers. The generation of waste should be avoided or minimised

wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Dispose of via a licensed waste disposal contractor.

14. Transport information

Regulation	UN	Proper shipping	Class	Packing	Additional information
	Number	name		group	
ADG	1759	CORROSIVE	8	II	Hazchem code
		SOLID N.O.S.			4WE
					Poisons schedule
					S6

15. Regulatory information

Australian Inventory : All substances are listed on AICS or exempt.

Status

Standard for the Uniform Scheduling of Drugs and Poisons

Schedule S6

<u>Control of Scheduled Carcinogenic Substances</u> Ingredient name : No listed substance

Schedule : n/a

16. Other information

Prepared by : David Greasley
Date of previous issue : March 2016
Change Made : New GHS Format

The information contained herein is to the best of our knowledge correct and complete. It is meant to describe safety requirements of this product and no warranty, express or implied is made as to its fitness for a particular purpose or any other nature as to the product to which it refers.

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.