

### Section 1 – IDENTIFICATION

#### PRODUCT INFORMATION

Product Name : OXYLATE

Molecular Weight : Not Applicable

#### COMPANY IDENTIFICATION

Company : HHC INDUSTRIES SDN BHD

Address : No 234, Jalan KIP 7, Taman Perindustrian KIP, 52200 Kuala Lumpur.

Tel : 6017-572 5883

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### Section 2 – HAZARDS IDENTIFICATION

#### WARNING STATEMENT:

NONE CONSIDERED NECESSARY UNDER NORMAL CONDITION

#### PRECAUTIONARY MEASURES:

Avoid eye contact.

Slight irritant

Use appropriate personal protective equipment.

#### FIRST AID:

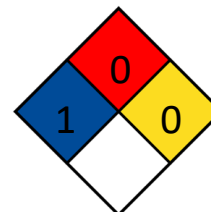
Eye Contact: Remove contact lenses if worn. Flush thoroughly with water.

Skin Contact: Wash contact area water.

Ingestion: Seek immediate medical attention. Do not induce vomiting.

Inhalation: Seek medical attention if coughing or respiratory discomfort occurs

This product contains no hazardous materials.



### Section 3 – COMPOSITION/INFORMATION ON INGREDIENT

Substance/Mixture : Enzymatic surfactant 100%

Other means of identification : Not Available

CAS number : Not Available

Chemical Formula : Not Available

### Section 4 – FIRST AID MEASURES

#### POTENTIAL HEALTH EFFECTS

##### INHALATION

- Negligible unless heated to produce vapors. Vapors or finely misted materials may irritate the mucous membranes and cause irritation, dizziness, and nausea. Remove to fresh air.

##### EYE CONTACT

- May cause irritation. In concentrated the liquid an irritant, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness (as with windburn).
- Irrigate eye with water for at least 15 to 20 minutes.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- Seek medical attention if symptoms persist.

##### SKIN CONTACT

- Prolonged or repeated contact may cause slight skin irritation.
- Wash exposed areas of the body with running water.

##### INGESTION

- If swallowed do NOT induce vomiting. Give plenty of water or milk to drink.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness, i.e. becoming unconscious.
- Seek medical attention if symptoms persist.

### Section 5 – FIRE FIGHTING MEASURES

#### EXTINGUISHING MEDIA

- There is no restriction on the type of extinguisher which may be used.
- Use extinguisher media suitable for surrounding area.

#### SPECIAL FIRE FIGHTING PROCEDURES

- Use water delivered as a fine spray to control fire and cool adjacent area.
- Do not approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use

#### UNUSUAL FIRE AND EXPLOSION HAZARDS

- Non-combustible.
- Not considered a significant fire risk, however containers may burn.

### Section 6 – ACCIDENTAL RELEASE MEASURES

- Spills & Disposal:
- Control vapor with water spray/fog.
- Absorb with dry agent.
- Stop leak if safe to do so.

#### MINOR SPILLS

- Spills & Disposal:
- Control vapor with water spray/fog. Absorb with dry agent.
- Clean up all spills immediately.
- Avoid breathing vapors and contact with skin and eyes.
- Control personal contact by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.
- Wipe up.
- Place in a suitable, labelled container for waste disposal.

#### MAJOR SPILLS

- Clear area of personnel and move upwind
- Alert Fire Brigade and tell them location and nature of hazard.
- Control personal contact by using protective equipment.
- Prevent spillage from entering drains, sewers or water courses.
- Recover product wherever possible.
- Put residues in labelled containers for disposal.
- If contamination of drains or waterways occurs, advise emergency services.

### Section 7 – HANDLING AND STORAGE

#### **STORE IN COOL, DRY, PROTECTED AREA.**

#### SUITABLE CONTAINER

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

#### STORAGE INCOMPATIBILITY

- Avoid contamination of water, foodstuffs, feed or seed.

#### STORAGE REQUIREMENTS

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.

- Store away from incompatible materials and foodstuff containers.
- Protect containers against physical damage and check regularly for leaks.
- Observe manufacturer's storing and handling recommendations.

#### TRANSPORTATION

- No restrictions.

### Section 8 – EXPOSURE CONTROL /PERSONAL PROTECTION

#### EXPOSURE CONTROL

- General exhaust is adequate under normal operating conditions.
- If risk of overexposure exists, wear SAA approved respirator. Correct fit is essential to obtain adequate protection.
- Provide adequate ventilation in warehouse or closed storage areas.

#### EYES

- Use protective glasses.

#### HANDS/FEET

- Use protective latex gloves recommended.

#### OTHER PROTECTIVE MEASURES

- No other special equipment required when handling small quantities.
- Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

### Section 9 – PHYSICAL/CHEMICAL PROPERTIES

State: Liquid

Solubility in Water (g/L): Complete Boiling Point (°C): 100 °C (212 °F Water)

Melting Range / Freezing point (°C): May solidify at 0°C (32°F based on data for: Water) Pressure (kPa): Not Available

Relative Density (air=1): Not Available Specific Gravity (water=1): 1.05

Flash Point (°C): Not applicable

Auto Ignition Temperature (°C): Not applicable Lower Explosive Limit (%): Not Applicable Upper Explosive Limit (%):

Not Applicable pH (1% solution): 7

pH (as supplied): 5.5 – 6.5 Basic

Volatile component (%vol): Not Available

Evaporation rate: 1 compared to Butyl acetate Viscosity: 40 mPa/s (100 °C)

#### APPEARANCE

Light yellow translucent liquid; mixes completely with water.

### Section 10 – STABILITY AND REACTIVITY

#### GENERAL

- This product is stable and hazardous polymerization will not occur.

#### INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID

- Refer to Section 7: Handling And Storage.

#### HAZARDOUS DECOMPOSITION PRODUCTS

- Combustion produces carbon monoxide, carbon dioxide along with thick smoke.

### Section 11 – TOXICOLOGI INFORMATION

#### SHORT TERM EXPOSURE

- Route of entry : Eye Contact, Skin Contact, Inhalation, Ingestion
- Acute effect eye contact : Low order of toxicity
- Acute effect skin contact : Low order of toxicity
- Acute effect inhalation : Low order of toxicity
- Acute effect ingestion : No Hazard in normal industrial use

#### LONG TERM EXPOSURE

- Effect of chronic exposure : None
- Target organ : None

#### SPECIAL HEALTH EFFECCTS

- Carcinogen (OSHA guidelines) : No

#### PRODUCT TOXICOLOGI

- Oran toxicity : Low order of toxicity
- Dermal toxicity : Low order of toxicity
- Inhalation toxicity : Not noted

### Section 12 – ECOLOGICAL INFORMATION

#### BIODEGRADABLE

### Section 13 – DISPOSAL CONSIDERATIONS

#### WASTE DISPOSAL

- Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill.
- Follow local, state and federal disposal regulations.

### Section 14 - TRANSPORTATION INFORMATION

Hazard class : None  
Shipping name : OXYLATE  
Label information : Listed on labels are the Product Name, Batch Number & Net Weight  
HS Code : 3402900090

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: IATA, IMDG

### Section 15 – REGULATORY INFORMATION

Section 312 Extremely Hazardous Substances : None  
Section 311/312 Hazard Categories : Non hazardous  
Section 313 Toxic Chemicals : Non Toxic

### Section 16 – OTHER INFORMATION

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy,