

REDUCTION

SAFETY DATA SHEET

Section 1 – IDENTIFICATION

PRODUCT INFORMATION

Product Name : REDUCTION
Identified uses : Cleaning Agent

COMPANY IDENTIFICATION

Company : HHC INDUSTRIES SDN BHD

Address : No 159, Jalan D/A 13, Desa Aman Batu 11, 47000 Sungai Buloh, Selangor

Tel : +604-537 9989

Fax : +604-537 4788

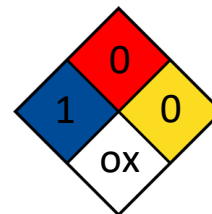
Emergency number: +6017-572 5883

Email: sales.hhcindustries@gmail.com

Section 2 – HAZARDS IDENTIFICATION

WARNING STATEMENT:

NONE CONSIDERED NECESSARY



PRECAUTIONARY MEASURES:

Avoid eye contact.
Use appropriate personal protective equipment.

FIRST AID:

Eye Contact : Remove contact lenses if worn. Flush thoroughly with water.
Skin Contact : Wash contact area with soap and 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 : Mixture, Enzymatic Surfactant 50-60%
Other means of identification : Not Available
CAS number : Not Available
Chemical Formula : citric sodium sulphonate lactite mixture

Section 4 – FIRST AID MEASURES

POTENTIAL HEALTH EFFECTS

INHALATION

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- 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. Irrigate eye with water for at least 15 to 20 minutes. Seek medical attention if symptoms persist.

SKIN CONTACT

- Prolonged or repeated contact is not likely to cause significant skin irritation. Material is sometimes encountered at elevated temperatures. Thermal burns are possible.

INGESTION

- No hazards anticipated from ingestion incidental to industrial exposure.

EYES

- Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes.

SKIN

- Wash exposed areas of the body with soap and water.

INHALATION

- Remove from area of exposure, seek medical attention if symptoms persist.

INGESTION

- Give one or two glasses of water to drink. If gastro-intestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

Section 5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

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

FIRE FIGHTING

- 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.

FIRE/EXPLOSION HAZARD

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

FIRE INCOMPATIBILITY

- None known.

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Section 6 – ACCIDENTAL RELEASE MEASURES

Spills & Disposal:

- Control vapour with water spray/fog.
- Absorb with dry agent.
- Stop leak if safe to do so.

MINOR SPILLS

- Clean up all spills immediately.
- Avoid breathing vapours 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.

Section 7 – HANDLING AND STORAGE

- Store in closed containers between 50° F and 120° F (10° C and 50° C)
- Keep away from oxidizing agents, excessive heat, and ignition sources.
- Store and use in well ventilated areas.
- Do not store or use near heat, spark, or flame, store out of sun.
- Do not puncture, drag, or slide this container.
- Drum is not a pressure vessel; never use pressure to empty.

Section 8 – EXPOSURE CONTROL /PERSONAL PROTECTION

RESPIRATORY PROTECTION

- If vapors or mists are generated, wear a NIOSH approved organic vapor/mist respirator.

PROTECTIVE CLOTHING

- Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing.

PVC coated gloves recommended to prevent skin contact.

OTHER PROTECTIVE MEASURES

- 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

Appearance : Liquid
Colour : Pale Green
Odour : Slight Enzyme Lime Odor
Solubility : Fully miscible with water.

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Initial boiling point and boiling range (°C) : ~100
Relative density : ~1.04 20°C
pH-Value, : Conc. Solution ~4.0
Flash point (°C) : Not Applicable

Section 10 – STABILITY AND REACTIVITY

GENERAL

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

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID

- Strong oxidizing agents.

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

Eco toxicity : Not regarded as dangerous for the environment.
Toxicity Aquatic toxicity : No further relevant information available.
Degradability : The product is biodegradable.
Bio accumulative potential : The product is not bio accumulating.
Other adverse effects : Not known.

Section 13 – DISPOSAL CONSIDERATIONS

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General information

Dispose of in compliance with all local and national regulations.

Waste treatment methods

Discharge used solutions to drain. Small amounts (less than 5 liters) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor.

Consign empty container to normal waste.

Section 14 - TRANSPORTATION INFORMATION

Hazard class : None
Shipping name : REDUCTION
Label information : Listed on labels are the Product Name, Batch Number & Net Weight
HS Code : 34022090

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,