TROJAN CHEMICAL CO.

BIO CLEANSER

MATERIAL SAFETY DATA SHEET

DATE OF ISSUE: March 2008

PRODUCT CODE: BCL025

U.N NUMBER OF GREATEST INGREDIENT: N/A

DANGEROUS GOODS CLASS: NONE ALLOCATED

SECONDARY RISK: NONE ALLOCATED

HAZCHEM CODE: NONE ALLOCATED

POISONS SCHEDULE: NONE ALLOCATED

PHYSICAL DESCRIPTION/PROPERTIES: WHITE GRANUALTED POWDER

APPEARANCE: WHITE POWDER

* BOILING POINT: 1000°C

* VAPOUR PRESSURE: N/A

* FLASH POINT: N/A

* SPECIFIC GRAVITY: 1.11

* LOWER EXPLOSION LIMIT: N/A

* UPPER EXPLOSION LIMIT: N/A

* SOLUBILITY IN WATER: 200 G/L (25°C)

OTHER DATA REQUIRED

SEE HEALTH: PRECAUTIONS: HANDLING INFORMATION
2. HEALTH HAZARD INFORMATION

2.1 HEALTH EFFECTS:

Acute Effects

SWALLOWED
If ingested in large amounts, nausea, vomiting and diarrhoea are probable.

EYE
Dusts may be irritating to the eyes.

SKIN
Prolonged contact may be irritating. Slightly toxic by skin absorption.

INHALED
Irritating to respiratory system. Burning sensation to nose, throat and eye. May cause sneezing and coughing.

CHRONIC
No significant health effects could be found.

No data available

2.2 FIRST AID

SWALLOWED
If conscious, immediately give 2 – 4 glasses of water and induce vomiting by touching finger to back of throat. Call a doctor.

EYE
Immediately flush with water for at least 15 minutes. Obtain medical attention.

SKIN
Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If effects occur/persist seek medical attention.

INHALATION
Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.

FIRST AID FACILITIES
Ensure an eye bath and safety shower are available and ready for use.
2.3 ADVICE TO DOCTOR
Treat SYMPTOMATICALLY based on judgement of Doctor and individual reactions of patient.

Phosphates are laxatives.

**TOXICITY DATA**
- Oral LD50 (Ethanol) = 4100mg/kg (Rat) : 3210mg/kg (Mouse)
- Dermal LD50 = 7940mg (Rabbit)
- Subcutaneous LD50 = 2060mg/kg (Rat)

This material is not considered to be a carcinogen or mutagen. No reproductive effects have been identified.

3. PRECAUTIONS FOR USE

3.1 EXPOSURE STANDARDS
No exposure limit has been established for this product, however the following is recommended for nuisance dust: TWA = 10mg/m³

3.2 ENGINEERING STANDARDS
Provide local mechanical ventilation capable of maintaining dust emissions at a minimum level.

3.3 PERSONAL PROTECTION
Respiratory – if use conditions generate dusts, wear an approved respirator appropriate for those emission levels. Appropriate respirators may be a full face piece or a half mask air-purifying cartridge respirator with particulate filters, a self-contained breathing apparatus in the pressure demand mode, or a supplied –air respirator.

Hands- wear rubber gloves

Eyes- wear chemical safety goggles unless a full face piece respirator is worn.

Skin- wear protective clothing with boots.

Avoid breathing dust. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.

3.4 FLAMMABILITY
Material is non flammable
4. SAFE HANDLING INFORMATION

4.1 STORAGE / TRANSPORT
Store in a cool, dry well-ventilated place away from incompatible materials. Keep bags dry at all times. Prolonged storage may cause product to cake and become wet from atmospheric moisture.

Risk Phrases
R37 Irritating to respiratory system

4.2 SPILLS AND DISPOSAL

SPILLS
Clean up personnel should wear full protective clothing including breathing apparatus suitable to dust conditions. Avoid raising dust. Keep material out of sewers, storm drains, surface waters and soils.

Sweep up and shovel material with a minimum of dusting into approved waste disposal containers for later disposal. Move containers from spill area. Cautiously wash spill residues with plenty of water.

DISPOSAL (After treatment described above)
Dispose of contaminated product and material used in cleaning up spills or leak in a manner approved for this material by Local, State and federal regulations. Empty containers can have residues, gases and mists and are subject to proper waste disposal as above.

4.3 FIRE AND EXPLOSION HAZARD

FIRE / EXPLOSION
Material is stable under normal conditions of use. Aqueous solutions react with aluminium and liberate hydrogen. Fire may produce irritating or poisonous gases. Solutions are mildly corrosive to aluminium and galvanized steel.

No data available

EXTINGUISHING MEDIA
Fire-fighters should wear full protective clothing including self-contained breathing apparatus. Use dry chemical, carbon dioxide, water spray or foam type extinguishers. Use water spray to cool nearby containers and structures exposed to fire.
5. OTHER INFORMATION

OTHER INFORMATION
Keep material out of sewers, storm drains, surface waters and soil.
Phosphate will promote algae growth and may degrade water quality.

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