



Nandira[®] Chemicals

MIDC Kondhane, Bandhanpada, Kudus, Taluka Wada, District - Thane Maharashtra, India.

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MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT: 3 IN 1 – DEGREASING, DERUSTING, PHOSPHATING CHEMICAL

Section I

Manufacturer's Name: **Nandira Chemicals**
Thane CUSTOMER CARE 9821012232

Section II.

Hazardous Ingredients/Identity Information

Hazardous Nature : Nonhazardous. Hazardous in case of over skin contact (irritant),

Toxicity level : ORAL (LD50): Acute: 636 mg/kg [Rat]. DERMAL (LD50): Acute: 14100 mg/kg [Rabbit]. VAPOR (LC50): Acute: 49000 mg/m 4 hours [Rat]. 440 ppm 24 hours [Mouse] CHLORIDE FREE

Section III.

Physical/Chemical Characteristics

Boiling Point : (Degrees F) 212 +/-2
Melting Point : NA
Specific Gravity : 1.2 +/-0.2
Vapor Pressure : (70 Degrees F) 20 Vapor Density: (Air=1)
Evaporation Rate: (Water = 1): 1
Solubility in Water : 100% SOLUBLE
Appearance and Odor: CLEAR/ LIGHT BROWN
ODOUR,,,,,CHEMICAL

Section IV.

Fire and Explosion Hazard Data NFPA Rating:

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-

bacterial cream. Seek immediate medical attention. Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. **WARNING:** It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek medical attention. Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Serious Ingestion: Not available.

Flash Point (Method Used): open cup 42 C

Flammability Limits NON-FLAMABLE

Extinguishing Media: NA

Section V.

Reactivity Data

Stability: Stable Conditions to Avoid: None

Section VI.

Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled:

- **Small spill:** SOAK WITH CLOTH OR SAND
- **Large spill:** absorbent material. TO BE USED SINCE THE MATERIAL BIO DEGRADABLE NO SPECIAL PRECAUTIONS.

Waste disposal method:

in accordance with applicable government regulations.

Precautions to be taken in handling and storing:

Do NOT wear contact lenses.

Other Precautions:

N A

Section VII.

Control Measures

Respiratory Protection (Specify Type): N A

Ventilation: Local exhaust

Special: NA

Mechanical (General): Not recommended.

Other: NA

Protective Gloves: GEN

Eye protection: Chemical goggles IF REQUIRED

Other protective clothing or equipment: N A

Work/Hygienic Practices: N A

Wash hands before eating.