

JALASANJ Co Ltd

MATERIAL SAFETY DATA SHEET

MSDS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:..... Multi-purpose metal polish for cleaning and polishing brass, pewter, chrome, copper and stainless steel.
MANUFACTURER:..... JALASANJ

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JALASANJ Company Ltd
No6, Mokhtari St, 17shahrivar St, Shadabad
Fath Highway (old karaj road) at 5km,
TEHRAN, IRAN
Phone Number: +98-21-66802834
www.jalasanj.com

2. HAZARDS IDENTIFICATION

EYE CONTACT:..... Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

SKIN CONTACT:..... Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

INHALATION:..... Intentional concentration and inhalation may be harmful or fatal.

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May be absorbed following inhalation and cause target organ effects.

INGESTION:..... Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

TARGET ORGAN EFFECTS:..... Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea,

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS #</u>	<u>CONCENTRARION (%)</u>
Water	7732-18-5	10 - 60
Solvents	64742-48-9	20 - 40
Oily Acids	-----	10 - 15
Abrasive Powder	1336-21-6	2 - 10

4. FIRST AID MEASURES

FIRST AID FOR EYES:..... Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

FIRST AID FOR SKIN:..... Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical

attention. Wash contaminated clothing and clean shoes before reuse.

FIRST AID FOR INHALATION:..... Remove person to fresh air. If signs/symptoms develop, get medical attention.

FIRST AID IF SWALLOWED:..... Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT:..... >43 °C

METHOD USED:..... Closed Cup

EXTINGUISHING MEDIA:..... Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

SPECIAL FIRE FIGHTING PROCEDURES:..... Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

UNUSUAL FIRE AND EXPLOSION HAZARDS:..... Combustible liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:..... Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard.

Environmental precautions:..... For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

7. HANDLING AND STORAGE

HANDLING:..... Keep out of the reach of children. Avoid breathing of vapors, mists or spray. Avoid skin contact. Avoid eye contact. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Ground containers securely when transferring contents. Wear low static or properly grounded shoes. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Avoid contact with oxidizing agents.

STORAGE:..... Store out of direct sunlight. Store away from heat. Store away from acids. Store away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection:..... The following eye protection(s) are recommended: Safety Glasses with side shields.

SKIN PROTECTION GUIDELINES:..... Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials. Gloves made from the following material(s) are recommended: Neoprene Nitrile Rubber

Respiratory Protection:..... Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: Half facepiece or fullface air-purifying respirator with organic vapor cartridges and P95 particulate prefilters.

Note: West System, Inc. has conducted an air sampling study using this product or similarly formulated products. The results indicate that the components sampled for (epichlorohydrin, benzyl alcohol) were either so low that they were not detected at all or they were significantly below OSHA's permissible exposure levels.

Prevention of Swallowing:..... Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:..... Paste
COLOR:..... Pink
ODOR:..... Mild
BOILING POINT:..... >100 °C
FLASH POINT:..... >43 °C
pH:..... 9
SOLUBILITY IN WATER:..... Moderate
BULK DENSITY:..... 1.04 g/cm³ @ 25°C
SPECIFIC GRAVITY:..... 1
VISCOSITY:..... Paste (not available)
FLAMMABLE LIMITS (UEL):..... 50±2 °C
FLAMMABLE LIMITS (LEL):..... -12±2 °C
GRADATION:..... <10μ

10. STABILITY AND REACTIVITY

STABILITY:..... Normally Stable.

HAZARDOUS POLYMERIZATION:..... Will not occur.

MATERIALS AND CONDITIONS TO AVOID

Conditions to avoid:..... Sparks and/or flames
Materials to avoid:..... Strong oxidizing agents - Strong acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS

<u>Substance</u>	<u>Condition</u>
Carbon Monoxide	During Combustion
Carbon Dioxide	During Combustion

11. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:..... Not Determined
CHEMICAL FATE INFORMATION:..... Not Determined

12. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:..... Dispose of waste product in a permitted hazardous waste facility.
EPA HAZARDOUS WASTE NUMBER (RCRA):..... D001 (Ignitable), D008 (Lead)
Since regulations vary, consult applicable regulations or authorities before disposal.

13. TRANSPORTATION INFORMATION

ID NUMBER(S):..... 60-4400-9511-9, 60-4400-9522-6, LB-K000-1090-0

14. REGULATOR INFORMATION

311/312 HAZARD CATEGORIES:..... Fire Hazard: Yes - Pressure Hazard: No - Reactivity Hazard: No - Immediate Hazard: Yes - Delayed Hazard: No
CHEMICAL INVENTORIES:..... All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

15. OTHER INFORMATION

PREPARED BY:..... JALASANJ
SUPERSEDES DATE:..... Feb 10,2000

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