

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:..... JALAFIX ACTIVATOR
PRODUCT CODE:..... JALAFIX ACTIVATOR
CHEMICAL FAMILY:..... ACCELERATOR

MANUFACTURER:

JALASANJ Company Ltd
49No, 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

Pressurized Container
Extremely Flammable
Solvent abuse can kill instantly

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS #</u>	<u>CONCENTRARION (%)</u>
PROPANE	41-98-6	10-35
BUTANE/ISOBUTANE	106-97-8	20-40
HEXANE	142-82-5	30-60
N,N-DIMETHYL-P-TOLUIDINE	99-97-8	< 0.5

4. FIRST AID MEASURES

GENERAL:..... Move the exposed person to fresh air at once

FIRST AID FOR EYES:..... Promptly wash eyes with lots of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention.

FIRST AID FOR SKIN:..... Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

FIRST AID FOR INHALATION:..... Move the exposed person to fresh air at once: Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

FIRST AID FOR INGESTION:..... Rinse mouth thoroughly. Do not induce vomiting. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:..... Fine Water spray, Carbon Dioxide (CO₂), Foam.

SPECIAL FIRE FIGHTING PROCEDURES:..... Water may be ineffective but use to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Water spray may be used to flush spills sway and dilute spills to non-flammable mixtures. Use water spray to reduce vapors. Warn fire-fighters that aerosols are involved.

UNUSUAL FIRE & EXPLOSION HAZARDS:..... Makes explosive mixtures with air. Extremely flammable may explode in a fire. May travel considerable distance to source of ignition and flash back.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS:..... Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste. Provide ventilation and confine spill.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS:..... Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Do not spray near a naked flame or any incandescent material.

STORAGE PRECAUTIONS:..... Flammable/combustible Store at moderate temperatures in a dry, well ventilated area. Keep away from heat, sparks and flame Protect from sunlight . Do not expose to temperatures exceeding 50°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:..... No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation. If, following workplace assessment, OEL is likely to be exceeded due to use where natural ventilation is insufficient suitable respirator with organic vapor cartridge must be worn.

EYE PROTECTION:..... Wear splash-proof eye goggles to prevent any possibility of eye contact.

GENERAL:..... Do not smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:..... Aerosol container containing a mixture of active ingredients, solvents and propellants.

ODOR:..... Solvent

FLASH POINT:..... <40°C

FLAMMABILITY LIMITS:..... Lower 1.8% - Upper 9.5%

AUTO IGNITION TEMP:..... 410-580 °C

10. STABILITY AND REACTIVITY

STABILITY:..... Highly Volatile

CONDITIONS TO AVOID:..... Heat, Flames and other sources of ignition

11. TOXICOLOGICAL INFORMATION

HEALTH WARNINGS:..... Narcotic effect. Drowsiness. Concentrating and inhaling the gas/spray can lead to abnormal heart rhythms and possibly death.

ROUTE OF ENTRY:..... Inhalation

TARGET ORGANS:..... Central nervous system. Respiratory system, lungs.

MEDICAL SYMPTOMS:..... Narcotic effect. Drowsiness. Dizziness.

HEALTH HAZARDS:..... Repeated exposure may cause upper respiratory irritation, defatting, drying and cracking of skin

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:..... Due to the small quantities and the volatility of the ingredients the contents, this container present low risk to soil or water. The product contains VOC's which in larger quantities, have the potential for photochemical ozone creation.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:..... Ensure container is empty and dispose of in accordance with Local Authority regulations. Do not pierce or incinerate even when container is empty.

14. TRANSPORTATION INFORMATION

ROAD:

UN No: 1950

ADR CLASS: 2

ADR LABEL 1950, Aerosols, 2, 5°F, ARD

LABEL FOR CONVEYANCE: Flammable gas (class2). (Not required for limited quantities).

SEA:

UN No: 1950

IMDG 2.1

SEA TRANSPORT: CLASS 2

SEA PACK GROUP: II

MARINE POLLUTANT: No

AIR:

UN No: 1950

Aerosols, Flammable n.o.s

ICAO Division 2.1

LABEL FOR CONVEYANCE: Flammable gas (class2).

15. REGULATOR INFORMATION

LABELING(EC):..... Extremely flammable

RISK PHRASES:..... R12 Extremely flammable.

SAFETY PHRASES:..... S2 Keep out of reach of children
S16 Keep away from sources of ignition – No Smoking
S23 Do not breathe spray or vapour
S51 Use only in well ventilated areas

16. OTHER INFORMATION

The information contained in this Data Sheet is provided in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (as amended in 1996), for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.