

MATERIAL SAFETY DATA SHEET

Date Prepared: 7/28/00 INFO TRAC : (800) 535-5035
By: IMAGE TECHNOLOGY

Section I _____ **General Information**
Product: Range: 0=Minimal **Product Number**
SCREEN CLEANER SC-19 4=Severe SC-19

HEALTH
1
FIRE 2 REACT 0

Manufacturer **DOT Classification**
IMAGE TECHNOLOGY COMPOUND CLEANING
576 EXPLORER STREET LIQUID
BREA, CA 92821
(714) 256-1888

Special: Observe good industrial hygiene when handling

Section II _____ **Hazardous Ingredients**
CHEMICAL : Isobutyl isobutyrate
CASE Number: 97-85-8
Percent By Volume: < 20 %

Exposure Limits In Air:
ACGIH(TLV): N/E ppm
OSHA(PEL): N/E ppm

Section III _____ **Health Hazard Data**

Effects of Overexposure

Skin: Contact of this product upon the skin can cause slight irritation. There is also possibility of defatting of the skin due to the removal of the skin's natural oils.

Eyes: Contact of this product upon the eyes can cause slight irritation of the eyes and eyelids.

Inhalation: Fumes from this product are generally considered harmless.

Ingestion: Small ingested amounts may produce internal irritation. Larger quantities should be recovered by aspiration.

First Aid Procedures

Skin: Wash exposed area with water and soap for 15 minutes. Apply skin lotion if skin is dry.

Eyes: Flush eyes with cool water for 15 minutes. Consult a physician if irritation persists.

Inhalation: Move patient to fresh air, call a physician.

Ingestion: Do not induce vomiting. Have patient drink large amounts of milk or water and consult a physician immediately.

Carcinogens

FED/OSHA: N NTP: N IARC: N CAL/OSHA: N
Section IV _____ **Spill, Leak, and Disposal Procedures**

Spill Control

Small Spill: Flush area with water to an industrial sewer line.

Large Spill: Contain spill with dikes of absorbent materials such as clay, sand, or vermiculite. This material is not considered Hazardous and may be disposed of as non-hazardous refuse.

Waste disposal

All hazardous materials must be solidified and disposed of in an EPA approved class one facility. When disposing of chemicals, contact local, state, and federal environmental agencies to fully understand the necessary regulations governing the disposal of chemical wastes.

Section V _____ **Fire and Explosion Hazards**

Flash Point: 118 F

Method: T.O.C.

Flammable Limits In Air: Lower: N/E Upper: N/E

Fire Extinguishing Materials: FOAM, WATER FOG, CO₂, OR DRY CHEMICAL

Special Fire Fighting Procedures: Self contained breathing apparatuses are recommended for fire fighters. Fire fighters

should wear butyl rubber boots, gloves and body suit and a self-contained breathing apparatus.

Hazardous Products of Combustion: None known.

NFPA Class = N/A.

Fire & Explosion Hazards: This material is combustible and may be ignited by heat or flame. This material will burn, but will not ignite readily.

Note: Under normal conditions hazardous polymerization will not occur.

Section VI _____ **Physical Data**

Boiling Point: 150 C

Specific Gravity (water = 1) : 0.95

Vapor Pressure: 3.6MM Hg @ 20 C

Percentage of Volatiles: 589g/l

Vapor Density: 4.7 (Air = 1)

Evaporation Rate (water = 1): 0.35

pH (concentrate): 7

pH (1% solution): 7

Solubility in Water: SOLUBLE

Appearance and Odor: COLORLESS LIQUID

Section VII _____ **Special Protection Information**

Respiratory Protection: Not required under NORMAL condition of USE.

Protective Gloves: It is recommended that gloves be worn with any industrial chemical

Eye Protection: When handling this product and there is the possibility of splashing, it is recommended that proper protection of the eyes be worn.

Other Equipment: Apron and boots, if operation is subject to splashing.

Section VIII _____ **Special Precautions**

*Chemicals can be hazardous if not respected. The use of proper equipment and procedures for handling chemicals are not only of benefit for their obvious uses, but can reduce the possibility of serious injury and time loss accidents.

*Keep this material away from high heat and observe proper house keeping procedures.

*This product is incompatible with stron oxidizing agents.

*DO NOT mix chemicals unless instructed by qualified personnel.

Note: This data is furnished gratuitously independent of sale of the product and only for your investigation and independent verification while data is believed to be correct, IMAGE TECHNOLOGY shall in no event be liable or responsible for damages whatsoever, directly or indirectly, resulting from the publication or use of or reliance upon data contained herein. No warranty, either implied or expressed, of merchantability of fitness or of any nature with respect to the product or to the data is made herein. You are urged to obtain data sheets for all IMAGE TECHNOLOGY materials you buy, process, use, or distribute, and are encouraged to advise anyone working with or exposed to such materials to the information contained herein.

Sources: 1) Dangerous Properties of Industrial Material: Sax, 6th Ed

2) Hand of Toxic Hazardous Chemicals and Carcinogens: Sittig

2nd Ed

3) Condensed Chemical Dictionary: Hawley, 10th Ed

4) TLV'S and Biological Exposure Indices for 1995-86:

ACBIH, 2nd Print

5) Director's List of Hazardous Substances: State of Cal, 1st

printing

6) Title 39 CFR parts 1900 to 1910, Revised as of July 1, 1984

7) Documentation of TLV'S and BEI'S: ACBIH, 5th Ed

8) Guidelines for the selection of Chemical Protective Clothing:

ACBIH 2nd Printing

9) Emergency Response Guidebook: Department of

Transportation, 1984 Ed