

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HEALTH

FLAMMABILITY

HMIS®

2

REACTIVITY

0

2

PERSONAL PROTECTION

A

Identity (As Used on Label and List)

2913

Two Oil Soluble Spotter

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name

Cleantronics Inc.

Emergency Telephone Number

1-800-255-3924

Address (Number, Street, City, State, and ZIP Code)

P. O. Box 338

Telephone Number for Information

1-609-443-7103

Windsor, NJ 08561

Date Prepared

October 23, 2001

Signature of Preparer (Optional)

Regulatory Dept.

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific

Chemical Identity, Common Name(s))

CAS No.

OSHA PEL

ACGIH-TLV

Other Limits

Recommended

%(Opt.)

Methoxyisopropanol

107-98-2

100 ppm

100 ppm

STEL 150 ppm

1 - 5

Isopropyl Alcohol

67-63-0

400 ppm

400 ppm

STEL 500 ppm

5 - 10

Isobutane

75-28-5

800 ppm

800 ppm

5 - 10

Propane

74-98-6

1000 ppm

Asphyxiant

1 - 5

This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION III Physical/Chemical Characteristics

Boiling Point

Concentrate - initial

180° F

Specific Gravity (H₂O = 1)

Concentrate

0.884

Pressure (psig. @ 70° F)

35 ± 5

Melting Point

No Data

Vapor Density (AIR = 1)

Greater than one (1)

Evaporation Rate (Butyl Acetate = 1)

No Data

Solubility in Water

Complete

pH

Not Applicable

Appearance and Odor -

Clear colorless liquid with a citrus scent in an aerosol can.

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065)

>18", no flashback; Flammable

Flammable Limits

No Data

LEL

No Data

UEL

No Data

Extinguishing Media -

Carbon dioxide, dry chemical, halon, polar or alcohol foam or water spray. Water may be ineffective.

Special Fire Fighting Procedures - Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards -

Aerosol container (pressurized) may burst if heated over 120° F. Flammable contents.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat, direct sunlight
	Stable	X	

Incompatibility (Materials to Avoid) - Strong oxidizing agents, anhydrides, isocyanates, acetaldehyde, ethylene oxide, hydrogen peroxide, aluminum, organometallic contaminants, chlorine, permanganates or dichromates.

Hazardous Decomposition or Byproducts -

Carbon dioxide, carbon monoxide and various organic oxidation compounds.

Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes	Yes

Health Hazards (Acute and Chronic) - Warning. Flammable liquid and vapor. Causes eye irritation. May cause skin irritation. May cause respiratory tract irritation. May be harmful if swallowed. Excessive occupational overexposure to vapors may induce central nervous system effects or lead to Painter's Syndrome. Repeated or prolonged skin contact may lead to dryness or dermatitis. Follow good chemical hygiene practices when using this and other industrial cleaning products.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
None known	No	No	No

Signs and Symptoms of Exposure -

Redness, tearing, burning in eyes. Redness, drying or cracking skin. Drowsiness, dizziness, fatigue or loss of coordination. Irritation of nose, throat, respiratory or digestive tracts possible if overexposed.

Medical Conditions Generally Aggravated by Exposure -

Pre-existing skin and lung conditions may be adversely affected. Follow good chemical hygiene practices.

Emergency and First Aid Procedures:

Eyes - Immediately flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention. **Ingestion** - Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. Get immediate medical attention. **Skin** - Immediately flush with plenty of water. Remove and wash contaminated clothing and shoes before reuse. If irritation arises and persists, call a physician.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled - Caution, slip hazard. Wipe up small spills promptly with a towel or other absorbant material. For large spills, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up on an absorbant material then put in suitable container for proper disposal.

Waste Disposal Method - Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.

Precautions to be Taken in Handling and Storing - Do not use around ignition sources such as heat, sparks, open flame, welding arcs, static electricity, etc. Do not smoke while using. Do not get in eyes. Avoid contact with skin and clothing. Wash thoroughly after handling. Avoid inhaling mist or vapors.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not swallow. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Replace cap when not in use. Do not puncture or incinerate container.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

Ventilation	Local Exhaust	Not usually needed	Special	None
	Mechanical (General)		Other	None

Protective Gloves -

Not usually needed. Avoid direct contact.

Eye Protection -

Yes, goggles or approved safety glasses (ANSI Z87)

Other Protective Clothing or Equipment -

Not usually necessary. If direct contact is possible, wear apron, boots, face shield, etc., as required.

Work/Hygienic Practices -

Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc.

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. The user must assume all responsibility, including injury or damage, resulting from its misuse or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY LIES IN FULL OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.