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402 802

MATERIAL SAFETY DATA SHEET

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Revised: 07/05

I. PRODUCT INFORMATION

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PRODUCT NAME: Helen of Troy Iron Cleaner

CHEMICAL NAME: Isopropyl Alcohol

CAS NUMBER: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: N/A

II. SUMMARY OF HAZARDS

WARNING! Contents Extremely FLAMMABLE! Do not spray near open flame or while smoking. Do not smoke until hair is fully dry. Avoid spraying in eyes. If eye contact occurs, rinse promptly with plenty of water. Do not store at temperatures above 120° F. **KEEP OUT OF REACH OF CHILDREN.** Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

III. HAZARDOUS COMPONENTS

<u>NAME</u>	<u>CAS NO.</u> %	<u>EXPOSURE LIMITS</u>		
		<u>PEL</u>	<u>TLV</u>	<u>OTHER</u>
Isopropyl Alcohol	67-63-00	400 ppm (TWA)	400 ppm	500 ppm (STEL)

IV. CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: 97°

FLASHPOINT: 50° C

MELTING POINT: N/A

VOLATILES BY VOLUME: <85%

SOL. IN WATER: Complete

SPECIFIC GRAVITY: 1.018 – 1.021 @ 22° C

pH: N/A

EVAPORATION RATE: N/A

APPEARANCE/ODOR: Clear, amber liquid with pleasant fragrance

<u>CHEMICAL NAME</u>	<u>TOXICITY DATA</u>	
	<u>LD50</u>	<u>LC50</u>
Isopropyl Alcohol		

EYE CONTACT: Can cause irritation. Flush immediately with running water for at least 15 to 20 minutes, separating eyelids with fingers. If irritation persists, consult a physician.

SKIN CONTACT: May cause drying of the skin. Wash with soap and water, rinse with water. Remove contaminated clothing and clean before reuse. If irritation persists, consult a physician

INHALATION: Remove to fresh air, give artificial respiration if necessary. Get immediate medical attention

INGESTION: May be harmful or fatal if swallowed. Induce vomiting. If victim is conscious, rinse mouth with water. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

CHRONIC EFFECTS OF EXPOSURE: Damage may occur to heart, kidneys and liver.

VI. EXPOSURE CONTROL MEASURES

EYE PROTECTION: Safety eyewear with splashguards

PROTECTIVE GLOVES: Chemical resistant gloves

RESPIRATORY PROTECTION: Air purifying respirator, NIOSH approved

VENTILATION: Sufficient exhaust to keep concentration below 1000 ppm

VII. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

EXTINGUISHING MEDIA: Water, Carbon Dioxide, "alcohol-type foam" or dry chemicals

FIRE FIGHTING INSTRUCTIONS: Wear personal protective equipment and self-contained breathing apparatus when fighting fire. Use cool water spray to cool equipment and to disperse vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Alcohol flames may be difficult to see; the flames are virtually colorless. Combustion products include but not limited to Carbon Dioxide and Carbon Monoxide. Vaporizes easily at room temperature. Vapors can travel to an ignition source and flash back. Prevent build-up of vapors.

STABILITY: Stable under ordinary conditions of use and storage.

INCOMPATIBILITY: Oxidizing materials, concentrated nitric and sulfuric acid

HAZARDOUS PRODUCTS OF COMPOSITION: None

HAZARDOUS POLYMERIZATION: Will not occur

IX. ENVIRONMENTAL & DISPOSAL INFORMATION

ACTION TO TAKE FOR SPILLS/LEAKS: Avoid sources of ignition. Use water fog to evaporate or ventilate. Protect body against contact with liquid. If in confined area, use self-contained breathing apparatus. Absorb spills with inert material and place into a separate waste container.

DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations.

X. PRECAUTIONS FOR SAFE HANDLING, STORAGE AND USAGE

This material is classified as a flammable liquid. Keep liquid and it's vapors away from heat, sparks and open flames. Ground and bond together chipping container, transfer line and receiving container.

XI. SHIPPING INFORMATION

Ship using all caution of a class IIB liquid flammable.

Isopropyl Alcohol

UN: 1219

Class: Flammable 3 (Liquid) Sticker Required

Use Item # 37033

Packing Group: II

XII. ADDITIONAL INFORMATION

THIS MATERIAL IS IN COMPLIANCE WITH THE TOXIC SUBSTANCES CONTROL ACT.

For additional product safety or product use information, contact the product manager at address or phone number listed on page one.

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