

L-82680

Celeste Industries Corp.
7978 Industrial Park Road
Easton, Maryland 21601

EMERGENCY CONTACT: 410-822-5775
SPILL EMERGENCY: 410-822-5775
CHEMTREC: 800-424-9300

Document control number: MS34 - Rev 2

PART NUMBER: LB-VW5050

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Material Name : Waterless Handcleaner
MSDS Date : 5 JANUARY 1999
Supersedes : 11 MARCH 1997
Prepared By : M L RISSOLO

		<u>Hazard Rating</u>	
Health		1	
Fire		0	
Reactivity		0	
Personal	Protective Equipment	B	

Scale: 4- Extreme 1- Slight
3- High 0- Insignificant
2- Moderate

COMPONENT INFORMATION

Exposure Limit Information in ppm

<u>COMPONENT</u>	<u>CAS</u> <u>NO.</u>	<u>AMT.</u> <u>(%)</u>	<u>OSHA</u>		<u>ACGIH</u>	
			<u>TWA</u>	<u>STEL</u>	<u>REL</u> <u>TWA</u>	15 min ceiling
N/AP	N/AP	N/AP	N/AP	N/AP	N/AP	N/AP

The specific chemical identities of the ingredients of this mixture are considered by Celeste Industries Corporation to be trade secrets and are withheld in accordance with the provisions of 1910.1200 of title 29 of the Code of Federal Regulation. No ingredients identified by OSHA as hazardous are known to be present or the ingredients present are below levels specified as hazardous by OSHA.

EMERGENCY RESPONSE INFORMATION

FIRST AID PROCEDURES

Inhalation: Move patient to fresh air. Seek immediate medical attention if individual is severely overcome by overexposure to vapors.
Eye Contact: Flush immediately with clean water for at least 15 minutes. Contact a physician if irritation persists.
Skin Contact: Wash well with soapy water.
Ingestion: If ingested, call a physician immediately. If patient is conscious, give water to dilute.

SPILL OR LEAK HANDLING INFORMATION

Personal Protection: Use goggles or face shield. Use plastic or rubber apron to protect clothing if needed.
Procedures: Wipe up liquid. Dispose of material per applicable local, state and Federal regulations.

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FIRE FIGHTING INFORMATION

Department of Transportation (DOT) Emergency Response Guide Number: N/A**Unusual Hazards:** None**Special Fire Fighting Procedures:** Shut off source if possible. Use water spray or fog nozzle to cool exposed equipment and containers.**Extinguishing Agents:** Dry chemical, CO₂, foam or water spray.**Personal Protective Equipment:** Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

PHYSICAL/CHEMICAL CHARACTERISTICS

FIRE AND EXPLOSIVE PROPERTIES

Flash Point.....	240 Degrees F TCC
Auto-ignition temperature....	Not available
Lower Explosive Limit.....	Not available
Upper Explosive Limit.....	Not available

REACTIVITY INFORMATION

<u>Stability:</u>	Stable
<u>Conditions to Avoid:</u>	N/A
<u>Hazardous Polymerization:</u>	Will Not occur.
<u>Incompatibility:</u>	N/A

PERSONAL PROTECTION MEASURES

Respiratory Protection: None generally required.
Eye Protection: For general use, none. For production, splash proof goggles or face shield.
Hand Protection: For general use, none. For production, rubber gloves.

FACILITY CONTROL MEASURES

Ventilation: Local - ventilation meeting ACGIH criteria. Explosion proof.
Other Protective Equipment: Use plastic or rubber apron to protect clothing, if desired.

STORAGE AND HANDLING INFORMATION

Storage Conditions: Store in cool dry area.
Handling Procedures: N/A

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P/N: LB-VW5050

SUPPLEMENTAL INFORMATION

Typical Physical Properties

Appearance.....	White emulsion
Color.....	White
State.....	Liquid
Odor Characteristic.....	Characteristic Citrus Odor
pH.....	Not available
Viscosity.....	Not available
Specific Gravity (Water = 1).....	0.947
Vapor Density (Air = 1).....	Not available
Melting Point.....	Not available
Boiling Point.....	> 200 Degrees F
Solubility in water.....	Soluble (Emulsifies)
Percent Volatility.....	Not available
Evaporation rate (Butyl Acetate = 1).....	Not available

TOXICITY INFORMATION**Acute Data**

Oral LD50..(Rat).....	Not Available
Dermal LD50....(Rabbit)	Not Available
Skin Irritation.....	Not Available
Eye Irritation.....	Not Available

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

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P/N: LB-VW3050

REGULATORY INFORMATION**WORKPLACE CLASSIFICATIONS:**

OSHA (USA): Not OSHA regulated. No ingredients identified by OSHA as hazardous are known to be present or the ingredients present are below the levels specified as hazardous by OSHA (Per 29 CFR 1910.1200)

WHMIS (Canada): Not WHMIS regulated.

TRANSPORTATION:**HAZMAT MARKING:**

Domestic(US) & International(ICA0/IATA): None

HAZMAT LABEL:

Domestic(US) & International(ICA0/IATA): None

Hazard Class/ Division: None

EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE 3)

Section 311/312 Categorizations (40CFR 370): This material contains no health or environmental hazardous substance at a level which requires notification under the Act.

Section 313 Information (40CFR 372): This material contains no toxic chemical at a level which is reportable under SARA Toxic Chemical Release Reporting Regulations.

RCRA INFORMATION:

This material is not included in the lists of hazardous substances (40 CFR 261.33), nor does it exhibit the characteristics of hazardous waste (40 CFR 261.20-24)

Toxic Substances Control Act (TSCA):

All components in this material are in the TSCA Inventory

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Celeste Industries Corporation assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

ABBREVIATIONS:

ACGIH = American Conference of Government Industrial Hygienists
 IATA = International Air Transport Association
 ICAO = International Civil Aviation Organization
 OSHA = Occupational Safety and Health Administration
 PEL = Permissible Exposure
 STEL = Short-Term Exposure Limit
 TLV = Threshold Limit Value
 TWA = Time Weighted Average
 WHMIS = Workplace Hazardous Materials Information System

celeste[®] HAZARD RATING SYSTEM

Hazard Rating Charts

Hazard Rating Charts					Personal Protective Equipment	
RATING	CATEGORY	HEALTH	FLAMMABILITY	REACTIVITY		
0	Minimal Hazard	No significant risk to health.	Materials which are normally stable and will not burn unless heated.	Materials which are normally stable, even under fire conditions, and which will not react with water.	A	
1	Slight Hazard	Irritation or minor reversible injury possible.	Materials that must be pre-heated before ignition will occur. Flammable liquids in this category will have flash point (the lowest temperature at which ignition will occur) at or above 200° F.	Materials which are normally stable, but can become unstable at high temperatures and pressures. These materials may react with water, but will not release energy violently.	B	
2	Moderate Hazard	Temporary or minor injury may occur.	Material which must be moderately heated before ignition will occur, including flammable liquids with flash points at or above 100° F and below 200° F.	Materials which in themselves are normally unstable and will readily undergo violent chemical change, but will not detonate. These materials may also react violently with water.	C	
3	Serious Hazard	Major injury likely unless prompt action is taken and medical treatment is given.	Materials capable of ignition under almost all normal temperature conditions, including flammable liquids with flash points below 73° F and boiling points at or above 100° F as well as liquids with flash points at or above 73° F and below 100° F.	Materials which are capable of detonation or explosive reaction, but require a strong initiating source, or must be heated under confinement before initiation, or materials which react explosively with water.	D	
4	Severe Hazard	Life threatening major or permanent damage may result from single or repeated exposures.	Very flammable gases or very volatile flammable liquids with flash points below 73° F and boiling points below 100° F.	These materials are readily capable of detonation or explosive decomposition at normal temperatures and pressures.	E	
					F	
					G	
					H	
					I	
					J	
					K	
					X	
						
						
						
						
						
						
						
						
						
						
						

Ask your supervisor for special handling instructions.

Safety Glasses

Gloves

Goggles

Synthetic Apron

Face shield

Full Suit

Rubber Boots

Dust Mask

Cannister Respirator

Dust & Vapor Respirator

Self-contained Breathing Apparatus