



5353 Spring Grove Avenue, Cincinnati, OH 45217 USA 513-471-8770

Material Safety Data Sheet

Section 1 - Product Identification

Product Name: Vulclean FC-5131

Hazard Rating

	Health	Fire	Reactivity	
NFPA Code:	1	0	0	
0=Least	1=Slight	2=Moderate	3=High	4=Extreme

Section 2 - Hazardous Ingredients / Identity Information

Specific Identity; Common Names	OSHA PEL	ACGIH TLV	Other
---------------------------------	----------	-----------	-------

Proprietary Formula - Specific Chemical Identities Have Been Withheld

1300-72-7 Sodium xylenesulfonate	-	-	
34590-94-8 Dipropylene Glycol Monomethyl Ether	100 ml/m3 (skin)	100 ml/m3 (skin)	
497-19-8 Sodium carbonate	15 mg/m3 (dust)	-	
5989-27-5 4-isopropenyl 1-methylcyclohexane	-	-	
8002-26-4 Distilled tall oil	-	-	

Section 3 - Physical/Chemical Characteristics

Appearance	Clear liquid
Boiling Point, Deg. F	100C
Evaporation, BuAcetate=1	Slower than
Odor	Mild citrus
pH Diluted in water	8.9-9.9(2%)
Solubility in water	Complete
Vapor Density (Air=1)	Not Known
Vapor Pressure	Not Known
Specific Gravity	1.055
Pounds per Gallon	8.789

Section 4 - Fire and Explosion Hazard Data

Flash Point COC: NA Flammable Limits: LEL-Not Known UEL-Not Known
 Extinguishing Media: Foam, dry chemical, water fog, carbon dioxide.
 Special Fire Fighting Procedures: Cool fire exposed containers with water.
 Do not enter a confined fire space without full bunker gear and NIOSH approved supplied air breathing apparatus.
 Unusual Fire and Explosion Hazards: Product is water based and will not burn until water has evaporated.

Section 5 - Reactivity Data

Stability - Oxides of carbon.
 Incompatibility - Acids. Alkaline compounds. Oxidizing agents. Strong reducing agents.
 Hazardous Decomposition Products - Oxides of carbon. Oxides of silicon. Oxides of sodium. Oxides of sulfur.
 Hazardous Polymerization - Will not occur.
 Other - Not Applicable.



5353 Spring Grove Avenue, Cincinnati, OH 45217 USA 513-471-8770

Material Safety Data Sheet

...continued

Section 6 - Health Hazard Data

Routes of Entry: Inhalation-yes Skin-yes Ingestion-yes

Health Hazards:

The health hazards listed below are for components to this mixture. The active ingredients are diluted in water in this mixture and the severity of the listed health hazards for this product may be reduced. This product is designed to be diluted significantly with water before product use. The severity of these health hazards may be reduced further at usage concentrations.
(Acute and Chronic Overexposure)

Eyes - Irritation.

Skin - Prolonged contact may cause irritation.

Prolonged and repeated contact can defat the skin which may result in dryness, dermatitis, and cracking of the skin.

Persons sensitized by contact with rosin may develop an allergic reaction.

Inhalation - Mists may cause irritation. Excessive exposures may affect central nervous system.

Ingestion - Gastrointestinal irritation. Harmful if swallowed.

Pulmonary aspiration hazard if swallowed and vomiting occurs.

Signs And Symptoms of Exposure - As Noted Above.

Medical Conditions Generally Aggravated By Exposure - None Known.

Other Precautions - NA

Other - NA

Carcinogenicity NTP-No IARC-No OSHA-No

Emergency and First Aid Procedures: Inhalation - remove to fresh air. Skin contact - wash using a mild soap. Eye contact - flush with water, see a physician. Ingestion - call a physician.

Section 7 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:

Dike area. Recover free product. Add a dry absorbent material to spill area.

Waste Disposal Method: Dispose by methods consistent with local state and federal regulations.

Precautions to be Taken in Handling and Storing: Keep containers tightly closed. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. To dissipate static electricity during transfer, ground and/or bond both containers. Since emptied containers retain product residue, follow warnings even after container is emptied. Residue or vapors may explode on ignition; do not cut, drill, grind or weld on or near container even when empty.

Other Precautions:

Not Applicable

Section 8 - Control Measures

Respiratory Protection: Not normally required. Use NIOSH approved supplied air breathing equipment if vapors are excessive.

Ventilation: Local Exhaust : Not normally required.

Mechanical (General): Use general ventilation.

Protective Gloves: Use chemical-resistant gloves, if needed, to avoid skin contact.

Eye Protection: Use splash goggles or face shield when eye contact may

continued...



5353 Spring Grove Avenue, Cincinnati, OH 45217 USA 513-471-8770

Material Safety Data Sheet

...continued

occur.

Other Protective Clothing or Equipment: To prevent repeated or prolonged skin contact, wear impervious apron/clothing and boots.

Work/Hygienic Practices: Minimize breathing vapor, mist or fumes. Wash skin with soap and water after contact. Launder contaminated clothing.

Section 9 - Regulatory Information

DOT Information

DOT Proper Shipping Name: None

DOT Hazard Code: None

UN Number: None

TSCA

All components of this product are included in the TSCA inventory or are regulated under FIFRA.

Section 313 Supplier Notification

This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

CAS#	Common Name	Weight%
	None	

This information should be included in all MSDSs that are copied and distributed for this material.

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) by CCI Inc.

The information set forth herein is furnished free of charge and is based on technical data that CCI Inc. believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of the information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

End of MSDS
