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CAPELLA WF68

NFPA: 0-0-1

MIS: 0-0-1

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This Material Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 1: COMPOSITION / INFORMATION ON INGREDIENTS

If present, IARC, NTP, and OSHA Carcinogens, are identified with an asterisk (*) in this Section. For more information on exposure limits refer to 29 CFR 1910.1000.

Ingredient(s)	Percent	Exposure Limits (by sequence number)	
		seq.	Limit
Acid Treated heavy naphthenic petroleum distillates (CAS#: 64742-18-3)	80 – 94.99	01	5.0 mg/m3 TWA-OSHA (mineral oil mist)
		01	5.0 mg/m3 TWA-ACGIH (mineral oil mist)
		01	10 mg/m3 STEL ACGIH (mineral oil mist)
light naphthenic hydrotreated petroleum distillate (CAS#: 64742-53-6)	10 – 19.99	02	5 mg/m3 TWA-OSHA (mineral oil mist)
		02	5 mg/m3 TWA-ACGIH (mineral oil mist)
		02	10 mg/m3 STEL ACGIH (mineral oil mist)

Mineral oil mist has a permissible exposure limit (PEL); therefore, this product, by definition, is considered hazardous according to OSHA because it carries the PEL for mineral oil mist. Exposure limits referenced by sequence number above.

SECTION 2: HAZARDS IDENTIFICATION

Effects of Acute Overexposure:

Eyes: May cause minimal irritation, experienced as temporary discomfort.

Skin: Brief contact is not irritating. Prolonged contact, as with clothing wetted with material, may cause defatting of skin or irritation, seen as local redness with possible mild discomfort.

Breathing: Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness.

Swallowing: If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur.

Primary Route(s) of Entry: Skin contact, eye contact, and inhalation.

Effects of Chronic Overexposure: No adverse effects have been documented in humans as a result of chronic exposure. Section 10 may contain applicable animal data.

Medical Conditions Aggravated by Exposure: Because of its defatting properties, prolonged and repeated skin contact may aggravate an existing dermatitis (skin condition).

SECTION 3: FIRST AID MEASURES

Eyes: Flush eyes with water for at least 15 minutes while holding eyelids apart. Seek medical attention if irritation persists.

Skin: Wash exposed area with large amounts of soap and water. Seek medical attention if irritation develops or persists.

Breathing: If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.

Swallowing: If more than several mouthfuls of this material are swallowed, give two glasses of water (16oz.). Get medical attention.

Other Notes: Remove and dry-clean or launder clothing soaked or soiled with this material before reuse. Dry cleaning of contaminated clothing may be more effective than normal laundering. Inform individuals responsible for cleaning of potential hazards associated with handling contaminated clothing.

SECTION 4: FIRE FIGHTING MEASURES

Flash Point: 355 (COC) **Explosive Limit:** n/a

Extinguishing Media: Water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing.

Hazardous Decomposition Products: Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones.

Fire Fighting Procedures: Other than normal protective fire-fighting equipment, no special equipment or procedures required.

Special Fire and Explosion Hazards: None

SECTION 5: ACCIDENTAL RELEASE MEASURES

Spill procedures: Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

SECTION 6: HANDLING AND STORAGE

Handling: Minimum feasible handling temperatures should be maintained.

Storage: Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

SECTION 7: EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated and the occupational exposure limit of the product or any component of the product, is exceeded, use appropriate NIOSH or MSHA approved air purifying or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown.

Ventilation: Adequate to meet occupational exposure limits

Protective Gloves: Rubber recommended to avoid eye contact by transfer.

Exposure Limit for Total Product: Mineral Oil Mist: OSHA PEL-TWA 5 mg/m³; ACGIH TLV-TWA 5 mg/m³.

SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Property	Measurement	Property	Measurement
Boiling Point	n/a	Specific Gravity	.895
Solubility In Water	n/d	Evaporation Rate	n/a
Appearance	clear yellow liquid, bland odor	pH	n/a
Percent Volatiles	0	Vapor Pressure	n/a
Freezing Point	n/a	Viscosity	64.6 cst at 40.0 C

SECTION 9: STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Stability: Stable.

Incompatibility: Strong Oxidizers

SECTION 10: TOXICOLOGICAL INFORMATION

Toxicological information (Animal Toxicity Data)

Median lethal dose:

Oral: LD50 Believed to be >5.00 g/kg (rat) practically non-toxic Inhalation: n/d Dermal: LD50 Believed to be >2.00 g/kg (rabbit) practically non-toxic

Irritation Index, Estimation of Irritation (Species)

Skin: (Draize) Believed to be <.50/8.0 (rabbit) no appreciable effect Eyes: (Draize) Believed to be <15.00/110 (rabbit) no appreciable effect Sensitization: n/d

Other: Some low viscosity naphthenic oils have caused skin irritation and skin tumors in laboratory animals when repeatedly applied and left in place between applications. The significance of this effect to humans has not been established.

SECTION 11: ECOLOGICAL INFORMATION

No data available at this time.

SECTION 12: DISPOSAL CONSIDERATIONS

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form.

Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

SECTION 13: TRANSPORTATION INFORMATION

Dot Hazard Classification: Not regulated

SECTION 14: REGULATORY INFORMATION

IMO Hazard Class and Number: Not evaluated

US DOT Hazard Class: Not regulated by DOT

UN Number: Not applicable

US DOT Identification Number: Not applicable

IMO Description (IMDG Code): Not evaluated

SECTION 15: OTHER INFORMATION

The information accumulated and reflected in this Material Safety Data Sheet is believed to be accurate but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of MSDS.