
MATERIAL SAFETY DATA SHEET

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PROTECTALL™ PRODUCT NAME: WOOD POLISH

HMIS RATINGS: Health 2 Flammability 1

Physical 0

COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS 29CFR1910.1200

SECTION 1 COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: Flexishine CFP 50

COMPANY INFORMATION:

Innovative Chemical Technologies, Inc.

103 Walnut Grove Road

Cartersville, GA 30120

Telephone: 770-607-9340

Fax: 770-607-9341

EMERGENCIES: (770) 607-9340 M-F 8:00 AM-5:30 PM EST

SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS

COMPONENTS CAS NUMBER %

Water 7732-18-5 82-86

Lubricating oils Proprietary 9-11

Nonionic surfactant Proprietary 2-4

Proprietary Ingredients Mixture 2-3

Refer to Section 8 for Exposure Guidelines

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

MAY CAUSE SEVERE EYE IRRITATION OR DAMAGE. Avoid contact.

HARMFUL IF SWALLOWED

HAZARDS IDENTIFICATION CONT'D

IMMEDIATE HEALTH EFFECTS

Eyes: Direct contact causes irritation, including stinging, tearing, redness, and swelling. May cause severe effects or eye damage

Skin: Prolonged or repeated contact may cause irritation or de-fatting, leading to dryness.

Inhalation: Inhaled mists or sprays cause irritation of the nose, throat, and lung mucous membranes. Breathing large amounts of oil vapors or mists may affect the central nervous system, causing headache, dizziness, nausea, confusion, loss of coordination, impaired judgment, or similar effects.

Ingestion: Ingestion may cause irritation of the mouth, throat, and stomach lining. May be harmful if ingested in large quantity.

PRIMARY ROUTES OF ENTRY: Eye or skin contact, vapor and mist inhalation, and ingestion.

TARGET ORGAN EFFECTS: Eyes and mucous membranes. Large amounts of inhaled mist or spray can cause lung damage.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION: none known

CARCINOGENIC INFORMATION: No material listed as carcinogens by IARC, NTP, or OSHA at >0.1%

LONG TERM EFFECTS: none known

SECTION 4 FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

SKIN CONTACT: Remove contaminated clothing. Wash affected area with mild soap and warm water. If irritation persists, or other symptoms develop, consult a physician.

INHALATION: Remove to fresh air. If respiratory irritation or breathing difficulty develops, give oxygen if available, and get immediate medical assistance. If breathing stops, give artificial respiration.

INGESTION: Do not induce vomiting. Aspiration hazard. Give 8 to 16 ounces of water or milk to dilute substance. Consult a physician or local Poison Control Center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT (° Fahrenheit): >200 °F by Tag CC.

FIRE FIGHTING MEASURES

FLAMMABLE LIMITS: LEL: not known

UEL: not known

AUTOIGNITION TEMPERATURE: Not known.

HAZARDOUS PRODUCTS OF DECOMPOSITION: In case of fire or extreme heat, the following may be produced: oxides of carbon, silica, and low molecular weight organics.

EXTINGUISHING MEDIA: Water spray, foam, dry chemical powder, or carbon dioxide. Avoid direct water streams that may spread spilled liquids.

FIRE FIGHTING INSTRUCTIONS: Evacuate and keep any non-responders away. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move non-burning containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool. Containers may rupture in extreme heat.

NFPA RATINGS: Health: 2, Flammability: 1, Reactivity: 0

SECTION 6 ACCIDENTAL RELEASE MEASURES

See section 8 for personal protective equipment.

SMALL SPILL: Soak up material with an absorbent such as clay, sand, or other suitable material and dispose of properly.

LARGE SPILL: Eliminate any ignition sources and shut off source of leak if it is safe to do so. Evacuate and keep out any personnel not wearing proper protective equipment. Prevent liquid from entering sewers or waterways. Dike and contain spilled material. Remove with explosion-proof vacuum equipment or pump to storage/salvage containers. Soak up residue with an absorbent such as clay, sand, or other suitable material.

SECTION 7 HANDLING AND STORAGE

HANDLING: Handle open containers with care and with adequate ventilation. Do not handle or use near an open flame, heat, sparks, or other source of ignition. Wear appropriate personal protection gear (see Section 8).

STORAGE: Store containers closed in a cool, well ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight and excessive exposure to air or oxygen.

SECTION 8 PERSONAL PROTECTION & EXPOSURE CONTROLS

EXPOSURE GUIDELINES:

Component List Type Value

Oil mist OSHA table Z-1 PEL (8 hr TWA) 5 mg/m³

NIOSH REL (10 hr TWA) 5 mg/m³

NIOSH STEL (15 min) 10 mg/m³

ACGIH TWA (8 hr TWA) 5 mg/m³

ACGIH STEL (15 min) 10 mg/m³

EYE/FACE PROTECTION: Wear safety glasses with side shields or goggles. A splash shield is recommended when splashing is possible.

SKIN PROTECTION: Prevent skin contact. Wear protective gloves. Wear impervious clothing as necessary to protect from splashes.

RESPIRATORY PROTECTION: If workplace exposure limits of product or any component are exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your safety representative). Engineering controls or administrative controls should be implemented to reduce exposure.

For spray applications, use a coarse spray device such as a trigger sprayer with particle size production greater than 15 microns. Use only low pressure (less than 60 psi) sprayer. DO NOT aerosolize or atomize. Suitable ventilation must be used during application.

ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: viscous white emulsion

pH: approximately 6.5

VAPOR PRESSURE: not known

VAPOR DENSITY: Heavier than air

BOILING POINT: approx 212^oF (100 °C)

SOLUBILITY IN WATER: Emulsifies

EVAPORTATION RATE: (water = 1) approximately 1

DENSITY: Approximately 0.97

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat or freezing

MATERIALS TO AVOID: Strongly acidic, alkaline, reducing or oxidizing agents. Exposure to reactive metals such as zinc, tin, or copper may liberate hydrogen gas, which is flammable.

HAZARDOUS PRODUCTS OF DECOMPOSITION: In case of fire or extreme heat, the following may be produced: oxides of carbon, silica, and low molecular weight organics.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Eye Toxicity: Mixture has not been tested. Nonionic surfactant: Corrosive to eye tissue

Acute Skin Toxicity: Mixture has not been tested. Nonionic surfactant LD50 (rabbit): >5 g/kg

Acute Inhalation Toxicity: Mixture has not been tested.

Acute Oral Toxicity: Mixture has not been tested. Nonionic surfactant LD50 (rat): 1.4 ml/kg

LD50: >5 g/kg (dermal - rabbit)

Subchronic: This mixture has not been tested.

Sensitization: This mixture has not been tested. None of the components are known or suspected skin sensitizers.

CARCINOGENICITY: May contain trace amounts of Ethylene oxide (75-21-8); 1,4 dioxane (123-91-1), and acetaldehyde (75-07-0)

TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS: None known

CONDITIONS AGGRAVATED BY EXPOSURE: No data available.

SYNERGISTIC MATERIALS: No data available.

SECTION 12 ECOLOGICAL INFORMATION

This mixture has not been tested. Material ingredients are expected to be readily biodegradable, have low bioconcentration factors, and have low toxicity to aquatic organisms on an acute basis.

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION: If this product becomes a waste, it may meet one or several criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40CFR261, depending upon what it is mixed with. Dispose of in accordance with all applicable federal, state, and local regulations.

SECTION 14 TRANSPORT INFORMATION

All Modes:

Not regulated by DOT, IMO or ICAO

SECTION 15 REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA Information: All components are listed, or otherwise are in compliance with TSCA notification requirements.

CERCLA Reportable Quantities [40CFR302]: Components with known CAS numbers listed as hazardous substances and subject to reporting: none

SARA 302/304 [40CFR355]: Components with known CAS numbers listed as hazardous substances and subject to release reporting: None above 0.1%

SARA 311/312 [40 CFR370]: Acute Yes

Chronic No

Fire No

Pressure No

Reactivity No

SARA 313 [40CFR372]: Components listed as reportable and known to be present at or above de minimus levels as specified in 40 CFR§372.38(a): none

STATE AND LOCAL REGULATIONS

California Proposition 65: This product may contain the following chemicals known to the State of California to cause cancer or reproductive harm: Ethylene oxide (75-21-8); 1,4 dioxane (123-91-1), acetaldehyde (75-07-0)

SECTION 16 OTHER INFORMATION

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

End of MSDS