



Safety Data Sheet

Pine oil disinfectant floor/surface cleaner.

Version.1. dated: 01 January 2021

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details	Manufacturer
Name: Crows+ Natural Pine Cleaner	Periyar Biotech
Code: CR/NPCW/27	Global House
Use: Floor/Surface Cleaner.	Nedumbassery, Ernakulam Dt.
	Kerala - 683589
	Phone: 91-484-2476845,
	Mob: 91-9562800850

SECTION 2 - HAZARDS IDENTIFICATION

HEALTH HAZARDS: May be harmful if swallowed, absorbed through skin, or inhaled. Mildly irritating to the eyes and skin.

PHYSICAL HAZARDS: Not Flammable, can decompose at very high temperatures may release toxic gases.

ENVIRONMENTAL HAZARDS: Harmful to aquatic life. Keep out of water ways.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

SECTION 3 - COMPOSITION, INFORMATION OF INGREDIENTS

COMPONENT	PERCENTAGE	CAS NUMBER
Pine Oil	4 - 5 %	8002-09-3
Citronella Oil	<1 %	9004-82-4
Fatty alcohol ethoxylates	<1%	68439-50-9
Turkey red oil	<1%	68187-76-8
Purified Water	Q.S	7732-18-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4 - FIRST AID AND MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

SKIN CONTACT: Wash off immediately with plenty of water

INHALATION: Inhalation not likely under normal use conditions. Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects persist or are severe.

INGESTION: If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: No specific antidote, treat symptomatically

SECTION 5 - Fire Fighting Measures

Fire Hazard: This product is not flammable or combustible.

Explosive properties: Not Relevant

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None in particular.

Hazardous combustion products: Decomposition products may include oxides of Carbon

SECTION 6 - ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILLS OR LEAKS: Clean up spills immediately, observing precautions in Section 8 of this document. Do not allow contact with soil, surface or ground water. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Absorb the spills on sand, vermiculite or other inert absorbent. Place contaminated material in appropriate container for disposal. This material should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water. Minimize use of water to prevent environmental contamination.

SECTION 7 - HANDLING AND STORAGE

No special handling advice required. Keep containers out of the reach of small children. Keep container closed when not in use. Storage temperature. 10 to 50.deg.C.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits: No limits have been allocated to this product.

Engineering Controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Eye protection: Not considered necessary under normal conditions of use. When cleaning up significant spills wear chemical safety goggles and/or full-face shield where splashing is possible. Maintain eyewash and quick-drench facilities in work area.

Protection for skin: Not considered necessary under normal conditions of use. When cleaning up significant spills wear protective clothing including boots, gloves, lab coat, or coveralls, as appropriate, to prevent excessive skin contact.

Protection for hands: Not considered necessary under normal conditions of use.

Respiratory Protection: Not considered necessary under normal conditions of use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid/Emulsion

Appearance and colour: White coloured.

Odour: Fragrance of Pine and essential oils

Melting point / freezing point: Not determined

Initial boiling point and boiling range: Not determined (OECD GUIDELINE 103)

Flash point: Not determined.

Evaporation rate: Not determined (Shell Thin-Film Evaporometer ASTM D3539 - 87(2004))

Density: 0.92 – 1.19 g/ml

SECTION 10 - STABILITY AND REACTIVITY

Product Reactivity: Non-reactive

Chemical Stability: Stable under normal conditions, however may decompose if heated.

Hazardous Polymerization: Product will not undergo polymerization

Conditions to Avoid: Avoid temperatures above 40°C for prolonged period of time. Strong exothermic reaction can occur above 200°C

Incompatible Materials: None known

Hazardous Decomposition Products: None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact. Inhalation

Toxicity to Animals: Pine Oil LD50 oral (rat): >3200mg/kg, Citronella Oil LD50 oral (rat):7200 mg/kg, Fatty alcohol ethoxylates LD50 oral (rat): >2000 mg/kg



Chronic Effects on Humans: CARCINOGENIC EFFECTS: **Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC**

Developmental Toxicity: No Data is available for this product.).

Other Toxic Effect on Humans: Not available

Toxicity to Animals: Not available

Special Remarks on other Toxic Effects on Humans: Not available.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity Effects: Not available BOD5 and COD: Not available

Bioaccumulation: Not available

Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose according to Local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Shipping Name: Consumer Commodity

Proper Shipping Name for Non-Consumer Commodity: Liquid soap.

SECTION 15 - REGULATORY INFORMATION

This product is on the European Inventory of Existing Commercial Chemical Substances.

Irritating to eyes, keep out of reach of children, if swallowed, seek medical advice immediately and show this container or label.

SECTION 16 - OTHER INFORMATION

Prepared by: Periyar Biotech.

Prepared on: 01.01.2021

Previous Version. NA

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