



# Nandira<sup>®</sup> Chemicals

MIDC Kondhane, Bandhanpada, Kudus, Taluka Wada, District - Thane Maharashtra, India.

[www.nandira.com](http://www.nandira.com), [nandira9@gmail.com](mailto:nandira9@gmail.com)

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## **PRODUCT SAFETY DATA SHEET FOR COLD BLACKENING SOLUTION**

### **1. IDENTIFICATION OF PRODUCT**

Product Name – **Cold Blackening Solution - EASY BLACK**

Intended Use - No relevant information.

For professional use only.

### **2. COMPOSITION/INFORMATION OF INGREDIENTS**

A blend of emulsifier(s), corrosion inhibitor(s), formulated compound, demineralized water.

For details of substances presenting a health hazard within the meaning of the Chemicals (Hazard Information and Packing) regulations 1993 see under Section 8 of this Safety Data Sheet.

### **3. HAZARDS IDENTIFICATION**

Non-Hazardous

### **4. FIRST AID MEASURES**

General - In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation** - Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped, give artificial respiration.

Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

**Eye Contact** - Contact lens should be removed. Irrigate copiously with clean, fresh water for at least ten minutes holding the eyelids apart – seek medical advice.

**Skin Contact** - Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

**Ingestion** - If accidentally swallowed, obtain immediate medical attention. Do NOT induce vomiting.

## **5. FIRE FIGHTING MEASURES**

Non Flammable WATER BASE

## **6. ACCIDENTAL RELEASE MEASURES**

collect spillages with non-combustible absorbent materials, (e.g. sand, earth) and place in suitable container for disposal in accordance with the waste regulations. Do not allow large quantities to enter drains or water courses. If it does, local water companies should be contacted.

In case of contamination of streams, rivers or lakes, the National Rivers

Authority should be contacted.

## **7. STORAGE AND HANDLING**

Avoid skin and eye contact. For personal protection see Section 8. Good housekeeping and regular removal of waste materials will minimise risks.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Measures - Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.

General Protection NA

Respiratory Protection N A

Hand Protection - NA

Eye Protection - Eye protection designed to protect against liquid splashes should be worn.

Skin Protection - Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State BLUEISH GREEN Liquid

Vapour Density Heavier than Air

Flash Point NA

Solubility in Water Miscible

Density 1.4 gram/ cc

#### **10. STABILITY AND REACTIVITY**

Stable under the recommended storage and handling conditions

#### **11. TOXICOLOGICAL INFORMATION**

This Product is Non Toxic

#### **12. ECOLOGICAL INFORMATION**

There is no data available on the product itself. Large quantities of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

#### **13. DISPOSAL CONSIDERATIONS**

Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected.

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made

under the Control of Pollution & Environmental Protection Acts.

#### **14. TRANSPORT INFORMATION**

Road/Rail SI Number .... 1950

Sea Marine Pollutant .... No UN Number .... 1950 Class .....9

#### **15. REGULATORY INFORMATION**

The product is classified and labeled for supply in accordance with the Chemicals

Classification NA

General      NA

Risk Phrases

Safety Phrases: Keep out of reach of children

If swallowed seek medical advice immediately and show this container or label.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health and safety legislation.

The provisions of the Health and Safety at Work, etc. Act and the Control of Substances Hazardous to Health Regulations

apply to the use of this product at work.

#### **16. OTHER INFORMATION**

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. The product should not be used for purposes other than those shown in sect. 1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.