



Environmental A1 Cleaning Solutions

EACS

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MATERIAL SAFETY DATA SHEET

Product Name: ECO RED
This revision issued: Nov 2013

Section 1 - Identification of Chemical Product and Company

Substance: Water solution of ingredients.
Trade Name: ECO RED
Product Use: Multi-purpose cleaner
Creation Date: November 2013 Revision
Date:

Section 2 - Hazards Identification

Statement of Hazardous Nature
Not classified as hazardous according to the criteria of ASCC.
Risk Phrases: R36. Irritating to eyes.
Safety Phrases: S24125. Avoid contact with skin and eyes. SUSD P
Classification: None allocated.
ADG Classification: None allocated.
UN Number: None allocated.

Emergency Overview

Physical Description & Color: Clear Red liquid
Odor: Non fragranced -neutral
Major Health Hazards: Eye irritant.

Potential Health Effects

Inhalation:
Short Term Exposure: Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.
Long Term Exposure: No data for health effects associated with long-term inhalation.
Skin Contact:
Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However product may be mildly irritating, but is unlikely to cause anything more than mild discomfort, which should disappear once contact ceases.
Long Term Exposure: No data for health effects associated with long-term skin exposure.
Eye Contact:
Short Term Exposure: This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.
Long Term Exposure: No data for health effects associated with long-term eye exposure.
Ingestion:
Short Term Exposure: Significant oral exposure is considered to be unlikely. However, this product is believed to be irritating to mucous membranes but is unlikely to cause more than mild transient discomfort.
Long Term Exposure: No data for health effects associated with long-term ingestion.

Section 3 - Composition/Information on Ingredients

Ingredients: CAS No - Co NC, % TVVA (mg/m³) - STEL (mg/m³)

Alkaline Salt 2.5, Alcohol Ethoxylates 9.5, Polydimethyl Isiloxane 0.25, 2-Aminoethanol 4.75, 2-Butoxyethanol

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Section 4 - First Aid Measures

Inhalation: No first aid measures normally required.

Skin Contact: If material is splashed on skin, immediately remove contaminated clothing & wash skin thoroughly with soap & water. If irritation persists seek medical attention.

Eye Contact: Immediately flush the contaminated eye(s) with gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Seek medical assistance if irritation persists.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop or if in doubt contact a Poisons Information Centre or a doctor.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: This product is non-flammable. Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Fire decomposition products from this product are likely to be harmful if inhaled.

Extinguishing Media: Use extinguishing media suitable to the burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. **Flash point:**

Non Flammable

Upper Flammability Limit: Not Applicable.

Lower Flammability Limit: Not Applicable.

Auto ignition temperature: Not Applicable.

Flammability Class: Non-Flammable

Section 6 - Accidental Release Measures

Accidental release: Material maybe slippery when spilt walk cautiously. Stop leak if possible and contain spill. Absorb into sand, vermiculite or other similar absorbent material. Sweep up and shovel or collect recoverable product into labeled containers for recycling or salvage. Thoroughly rinse floor with fresh water and discharge to drains. Recycle containers wherever possible after careful cleaning.

Ensure legality of disposal by consulting regulations prior to disposal.

Thoroughly launder protective clothing before storage or re-use.

Section 7 - Handling and Storage

Handling: Contact a sales representative for advice when using this product for any application other than that outlined on the label or technical bulletins.

Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities. Avoid contact or contamination of product with

Incompatible materials listed in Section 10. **Storage:** No special storage & transport requirements are indicated for this product. Store in a cool place out of direct sunlight & store away from extreme heat. This product must be stored in original packaging as approved by the supplier.

Check containers periodically for leaks. Containers should be kept closed in order to minimize contamination. Ensure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10

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Section 8 - Exposure Controls and Personal Protection

The following Standards will provide general advice regarding safety clothing and equipment:

No special equipment is usually needed when handling this product however; good industrial hygiene should be practiced at all times.

Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm.

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable protective gloves when skin contact is likely.

Protective Material Types: There is no specific recommendation for any particular protective material type. **Respirator:** Respirators are not necessary when using this product.

Eyebaths or eyewash stations should be provided near to where this product is being used.

Section 9- Physical and Chemical Properties

Section 10 - Stability and Reactivity	Physical Description & color:	Neutral Clear Red Liquid
	Odor:	Non-fragrance
	Boiling Point:	Approximately 100c at 100kpa
	Freezing/Melting Point:	Approximately 0c
	Volatiles:	Water components
	Vapor Pressure:	No data
	Vapor Density:	No data
	Specific Gravity:	No data
	Water Solubility: pH:	11-11.5 Completely Soluble in H2O
	Odor Threshold:	No data
	Auto ignition temp:	No data

This product is unlikely to react

or decompose under normal storage conditions.

Conditions to Avoid: This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed.

Incompatibilities: Store away from strong alkalis, acids and oxidizing agents.

Fire Decomposition: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Carbon dioxide and if combustion is incomplete, carbon monoxide and nitrogen and its compounds. And under some circumstances, oxides of nitrogen, carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death. **Polymerization:** This product will not undergo polymerization reactions.

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Section 11 - Toxicological Information

Target Organs: There is no data to hand indicating any particular target organs.

Classification of Hazardous Ingredients

No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Section 12- Ecological Information

This product is biodegradable. It will not accumulate in the soil or water or cause long-term problems.

Section 13 - Disposal Considerations

Disposal: There are many pieces of legislation covering waste disposal and they differ in each state and territory, so each user must refer to laws operating in their area. In some areas, certain wastes must be tracked. The Hierarchy of Controls seems to be common - the user should investigate: Reduce, Reuse, and Recycle and only if all else fails should disposal be considered. Dispose of in accordance to all local, state and federal regulations. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before disposing to an authorized landfill.

Section 14- Transport Information

UN Number: Not applicable

UN Proper Shipping Name: Not applicable

Class and subsidiary risk: Not applicable

Packing Group: Not applicable

Special precautions for user: Not applicable

Hazchem Code Not applicable

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS,

A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.