

# MATERIAL SAFETY DATA SHEET

## PRODUCT IDENTIFIER – EnviroGreen Phosphate-Free Detergent SECTION 1 – PRODUCT IDENTIFICATION AND USE Code: D-175

Product Use: CLEANER/DEGREASER  
Supplier: AALADIN SUPERIOR CLEANING SYSTEMS  
Address: 2 - 893 Redonda St. Winnipeg, MB R2C 2Z2  
PO Box 35, Grp 587, RR# 5  
Telephone: (204) 663-6618 Fax: (204) 663-6125

## SECTION 2 – HAZARDOUS INGREDIENTS

Ingredients	CAS Number	Weight %	LD50
SDDBSA	25155-30-0	0 TO 5	438 MG/KG ORAL RAT
EDTA	64-02-8	0 TO 5	3,030 MG/KG ORAL RAT
SODIUM SILICATE	6834-9-20	0 TO 5	622 MG/KG ORAL RAT
SODIUM BORATE	12170-04-3	0 TO 5	2660.0 MG/KG ORAL RAT
NONIONIC SURFACTANT	102-71-6	0 TO 5	492 MG/KG ORAL RAT

## SECTION 3 – PHYSICAL DATA

Physical State: LIQUID  
Specific Gravity: APPROX 1.0  
PH (5 % solution): ALKALINE  
Odor and Appearance: COLOURED GREEN SCENTED LEMON  
Odor Threshold: 50 PPM  
Vapor Pressure (mm Hg): N.E.  
Vapor Density (air = 1) : <1  
Evaporation Rate (water = 1) : >1  
% Volatile by Volume: 90 TO 95  
Solubility in Water: COMPLETE  
Boiling Point (&): ABOVE 100 C  
Freezing Point (C<sup>0</sup>): APPROX 0  
Coefficient of Water/Oil distribution: N/A

## SECTION 4 – FIRE AND EXPLOSION DATA

Flammable or combustible: NON FLAMMABLE)  
Flashpoint and method: BOILS BEFORE FLASH  
Upper flammable limit: N/A  
Lower flammable limit: N/A  
Auto ignition temperature: BOILS BEFORE FLASH  
Flammability classification NONFLAMMABLE  
Conditions of flammability: HEATED MATERIAL WILL RELEASE STEAM  
Means of extinction: COOL DRUMS WITH WATER,  
Special firefighting instructions' BE ALERT FOR STEAM ERUPTIONS FROM HEATED DRUMS

## SECTION 5 – REACTIVITY DATA

Is the product stable: YES Incompatible substances; STRONG ACIDS, PEROXIDES?  
Conditions of Reactivity: PHYSICAL CONTACT COMPOSITION PRODUCT THERMAL DECOMPOSITION  
PRODUCTS ARE OXIDES OF CARBON, NITROGEN, SODIUM, AND SULFUR

## SECTION 6 – TOXICOLOGICAL PROPERTIES

Primary routes of exposure: MOST COMMON EXPOSURE IS SKIN ABSORPTION  
Exposure Limits: 2190 MG/KG IS THE COMPOSITE LD50

Irritant: NO

Carcinogen: NO

Sensitizer: NO Mutagen: NO  
Reproductive effects: NONE NOTED SYNERGISTIC MATERIALS; NONE NOTED  
Effects of acute exposure: DEHYDRATED TISSUE, SKIN, GUMS, ETC. THE EYE WOULD BE REDDENED,  
AND MIGHT TEAR FROM EXPOSURE TO MISTED PRODUCT.

#### **SECTION 7 – PREVENTION MEASURES**

Gloves WATERPROOF Respiratory protection; dust mask for mists Eye protection; splash guard  
Footwear; WATERPROOF Clothing; REMOVABLE Other Requirements; EYEWASH BOTTLE/STATION  
REQUIREMENTS.

Engineering Controls: GOOD VENTILATION, EYEWASH STATION  
Leak or spill procedures: STOP LEAK, REMOVE IGNITION SOURCES, INCREASE VENTILATION, RETURN  
AS MUCH PRODUCT AS POSSIBLE TO CONTAINER, THEN ABSORB REMAINDER FOR LATER  
DISPOSAL. WASH EFFECTED AREA WITH POTABLE WATER/  
Waste disposal: OBEY ALL PERTINENT GOVERNMENT REGULATIONS/  
Handling and storage requirements: COOL, VENTILATED LOCATION  
Special shipping information: NONE A DILUTED WATER DETERGENT SOLUTION

#### **SECTION 8 – FIRST AID MEASURES**

Eyes: USE EYEWASH FOR AT LEAST 10 MINUTES, REMOVE ALL CONTACT LENSES, And IF  
IRRITATION CONTINUES SEEK MEDICAL ATTENTION.

Skin: WASH WITH WARM WATER TILL ITCHING EASES, IF IRRITATION CONTINUES SEEKS  
MEDICAL ATTENTION

Ingestion: SEEK MEDICAL HELP AT ONCE. DO NOT INDUCE VOMITING.

Inhalation: REMOVE TO CLEAR AIR, AND IF COUGHING CONTINUES SEEK MEDICAL ATTENTION.

#### **SECTION 9 – PREPARATION DATA**

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEETS, CCINFO, ACGIH, and NIOSH.

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