



**MATERIAL SAFETY DATA SHEET**

PRODUCT NAME: Heavy Duty Bin Wash  
Date: 14 July, 2016

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**SECTION 4 - FIRST AID MEASURES**

Use good personal hygiene practices. If skin contact should occur, material should be washed away with a mild soap and water. Wash hands and other exposed areas thoroughly before eating, drinking, smoking or using toilet facilities. Do not smoke, drink or eat in areas where this product is stored or handled. For extensive scale or contamination removal, the following precautions should be taken: the work area should be well-ventilated and access should be restricted, surface contaminants should be kept wet, plastic ground cover should be used to contain contaminants and facilitate clean-up, and high efficiency particulate respirators should be worn unless concentrations are not expected to exceed limits established. Suitable coveralls and gloves should be worn and contaminated protective equipment and clothing should be decontaminated or disposed of.

INHALATION: Remove to fresh air P304, P340

EYES: Flush eyes with copious amounts of water, holding lids open, if irritation persists, consult a physician. P305, P313, P337, P338, P351

SKIN: Wash with soap and water P302, P352, P313

INGESTION: Give water / milk to drink if conscious. P270, P330

**SECTION 5 - FIRE FIGHTING MEASURES**

GENERAL HAZARDS: None Known

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical

FIRE FIGHTING PROCEDURES: As for surrounding fire

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen, and sulfur

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep away from skin and eyes, keep out of surface waters, dike / absorb with sand or clay and dispose.

**SECTION 7 - HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Take reasonable care, keep away from skin, eyes, food, and beverages. Wash hands after use. Keep containers closed and stored at ambient conditions (5-50 C / 40-120 F) P270, P264, P261, P410, P403.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

HAZARDOUS COMPONENTS	NIOSH			STEL mg/m3			
	TWA ppm	TWA mg/m3					
N/A							

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PERSONAL PROTECTION:

RESPIRATORY PROTECTION: Not normally necessary

PROTECTIVE GLOVES: Rubber or protective gloves if handling in large quantities P280  
 EYE PROTECTION: Goggles if handling in large quantities P280  
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not required  
 WORK / HYGIENIC PRACTICES: Keep out of food and beverages P270

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR Transparent green liquid, citrus odor	VAPOR PRESSURE As Water
pH 6.0-8.0	SPECIFIC GRAVITY (WATER = 1) 1.00-1.02
BOILING POINT / BOILING RANGE 100 C / 212F	SOLUBILITY IN WATER Soluble
FLASH POINT >96C / >205 F PMCC	VISCOSITY As Water
FLAMMABLE LIMITS Not Determined LEL: UEL:	VAPOR DENSITY (AIR = 1) Not Determined
AUTOIGNITION TEMPERATURE Not Determined	EVAPORATION RATE (WATER = 1) As Water

**SECTION 10 - STABILITY AND REACTIVITY**

STABILITY X UNSTABLE:	CONDITIONS TO AVOID: None Known
INCOMPATIBILITY (MATERIALS TO AVOID): None Known, avoid temperatures > 55C and open flame.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None Known	
HAZARDOUS POLYMERIZATION MAY OCCUR: NO	CONDITIONS TO AVOID: None Known

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
N/A			

**SECTION 12 - ECOLOGICAL INFORMATION**

Ecotoxicity- None Known, Degradability- Biodegradable, Bioaccumulation- None Known, Mobility in Environment- Not determined

**SECTION 13 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose according to Federal, State, or Local Regulations, P501

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**SECTION 14 - TRANSPORT INFORMATION**

PROPER SHIPPING NAME: Not Regulated

DOT HAZARD CLASS / Pack Group: Not Regulated REFERENCE: 49 CFR UN / NA IDENTIFICATION NUMBER: Not Regulated LABEL: Not Regulated HAZARD SYMBOLS: Not Regulated	IATA HAZARD CLASS / Pack Group: Not Regulated IMDG HAZARD CLASS: Not Regulated RID/ADR Dangerous Goods Code: Not Regulated UN TDG Class / Pack Group: Not Regulated Hazard Identification Number (HIN): Not Regulated
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Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

**SECTION 15 - REGULATORY INFORMATION**

TSCA (USA - Toxic Substance Control Act) INCLUDED  
 SARA TITLE III (USA - Superfund Amendments and Reauthorization Act) NO REPORTABLES  
 California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986 NO SUBSTANCES PRESENT  
 DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List) INCLUDED  
 EINECS (European Inventory of Existing Commercial Chemical Substances) NA  
 WGK Water Quality Index: NA

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**SECTION 16 - OTHER INFORMATION**

<b>This substance has no schedule number allotted due to NO Poisons</b>			
HMIS HAZARD RATINGS	HEALTH:	1	0 = INSIGNIFICANT
	FLAMMABILITY:	1	1 = SLIGHT
	PHYSICAL HAZARD:	0	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	N	3 = HIGH 4 = EXTREME

REVISION SUMMARY:

<b>MSDS Prepared by: KAB (Nilodor Technical)</b>	
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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

