



NC-300

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard (29CFR 1910.1200)

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SECTION I – PRODUCT IDENTIFICATION

Product Name:	NC-300 (Bulk)	Proper Shipping Name:	N/A
Product Number:	1114	Date Prepared:	02/08/2007
Product Description:	Industrial Cleaner/Degreaser	Prepared By:	Paul Williams
Information Phone:	(800) 334-7071	24-Hour Emergency Phone:	(800) 255-3924

NFPA – HMIS CODES

Health	3	Flammability	0	Corrosive	0	Reactivity	0	Personal Protection	C
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SECTION II – MATERIAL IDENTIFICATION AND INFORMATION

Description	CAS Number	SARA III List	OSHA PEL (ppm)	ACGIH TLV (ppm)	LD50	LC50	Wt %
Water	7732-18-5	NO	N/E	N/E	N/D	N/D	60 – 100
Cationic Surfactant	68391-01-5	NO	N/E	N/E	250 mg/kg	86 mg/l 1 hr	1 – 5
Nonionic Surfactants	9036-19-5	NO	N/E	N/E	N/D	N/D	1 – 5
Sodium Metasilicate	6834-92-0	NO	2mg/m ³	2mg/m ³	N/D	N/D	1 – 5

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	212°F (100°C)	Evaporation Rate (n-Bu-Ac=1.0)	N/E
Vapor Pressure	<30 mm of Hg	Freezing Point	32°F (0°C)
Vapor Density (Air=1.0)	<1	Appearance	Green Liquid
Specific Gravity	1.04 gm/ml	Odor	Bland
VOC Content	None	pH	12.4 – 12.9
% Volatile by Volume	None	1% pH	9.8
Water Solubility (Wt %)	Complete	Weight per Gallon	8.65

SECTION IV – FIRE & EXPLOSION HAZARD DATA

Flash Point	N/A
Auto Ignition Temperatures	N/A
Flammability Limits in Air	
Lower Explosive Limit Estimated	N/A
Upper Explosive Limit Estimated	N/A
Extinguishing Media	Use Dry Chemical or CO2
Unusual Fire Fighting Procedures	None known.
Special Fire Fighting Procedures	Use proper protective equipment



SECTION V – HEALTH HAZARD DATA & EMERGENCY FIRST AID PROCEDURES

ENTRY ROUTES	Ingestion	Inhalation	Skin Contact	Eye Contact
	ADVERSE/CHRONIC EFFECTS		FIRST AID PROCEDURES	
EYES	May cause severe irritation, redness, burns and possible corneal injury.		Flush with large amounts of water for at least 15 minutes lifting eyelids to insure complete removal. Seek medical attention.	
INGESTION	May cause severe irritation or burning of gastrointestinal tract and possible mucosal injury.		Rinse mouth with water. Give 2 – 3 large glasses of water. Do not induce vomiting. Seek medical attention.	
INHALATION	May irritate respiratory tract when used with inadequate ventilation.		Remove to fresh air and rest. In all cases if symptoms persist, seek medical attention.	
SKIN	May cause severe irritation, redness, burns.		Remove contaminated clothing and footwear. Flood/shower with water.	
CARCINOGEN	None	MEDICAL CONDITIONS TO AVOID	None known.	

SECTION VI – REACTIVITY DATA

STABILITY	Stable
HAZARDOUS POLYMERIZATION	Will not occur
INCOMPATIBILITY	Strong oxidizers and acids
HAZARDOUS DECOMPOSITION	None known

SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.
WASTE DISPOSAL	Dispose of as permitted by all Federal, Provincial, State and Local Regulatory authorities.
HANDLING & STORAGE	Store in cool, dry area. Follow good housekeeping practices.
OTHER PRECAUTIONS	KEEP OUT OF REACH OF CHILDREN

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION	None normally required with adequate ventilation
VENTILATION	Local exhaust acceptable - Mechanical recommended
PROTECTIVE GLOVES	Rubber or neoprene
EYE PROTECTION	Chemical splash goggles
OTHER PROTECTIVE CLOTHING/EQUIPMENT	Full cover clothing – rubber apron
WORK HYGIENIC PRACTICES	Cleanse skin thoroughly after contact, before breaks and meals, drinking, smoking, using restroom and at end of work period. Remove contaminated clothing and laundry before reuse.

SECTION IX – TRANSPORTATION DATA

PROPER SHIPPING NAME	N/A
DOT ID NUMBER	NOT REGULATED
DOT HAZARD CLASS	N/A

The information and recommendations set forth herein are presented in good faith and believed to be correct and reliable. RAMCO Specialty Products, Inc. makes no representation as to the completeness or accuracy thereof and supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use.

N/D = Not Determined

N/A = Not Applicable

< = Less Than

> - Greater Than