JohnsonDiversey

MATERIAL SAFETY DATA SHEET

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I Chemical Product and Company Indentification

Product Name	**DIVOBLEND 3A**
Product Code	**00224100** UPC-A **774205550812** SCC
Manufacturer	**JOHNSONDIVERSEY INC.** **3630 E. KEMPER RD** **CINCINNATI, OH 45241-2046**
Chemical Family	**LIQUID LAUNDRY DETERGENT**

Emergency	**(800)831-9889**
Medical(Collect)	**(303)592-1024**
Chemtree	**(800)424-9300**
Date	**12/16/1999**

II Composition/ Information on Ingredients

Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units
SODIUM HYDROXIDE (1310-73-2)	**20**	**TLV C 2; PEL C 2**	**MG/M3**
TRISODIUM NITRILOTRIACETATE (5064-31-3)	**6**	**NOT ESTABLISHED**	

III Hazards Identification

Signs and Symptoms of Exposure

ACUTE: **CORROSIVE TO SKIN AND EYES, MAY CAUSE DESTRUCTION OF TISSUES ON CONTACT. MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED.**

CHRONIC: **CONTAINS NTA SALTS THAT ARE REPORTED IN HIGH DOSES IN ANIMAL TESTS TO CAUSE CANCER. NTA HAS NOT BEEN REPORTED TO CAUSE CANCER IN HUMANS.**

HMIS: Health **3** Flammability **0** Reactivity **0** Personal Protection **D**

Conditions Aggravated **SENSITIVE EYES, SKIN, IMPAIRED PULMONARY FUNCTION**

Carcinogen Info **TRISODIUM NITRILOTRIACETATE** NTP **X** IARC OSHA **X**

Target Organs or System

Routes of Exposure: Inhalation ☐ Skin ☒ Ingestion ☒

IV First Aid Measures

Inhalation **IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING IS DIFFICULT.**

Eyes **FLUSH THOROUGHLY WITH FRESH WATER, FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY.**

Skin **FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION FOR ANY INJURED SKIN AREAS.**

Ingestion **GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

V Fire Fighting Measures

Fire Control Measures/ Equipment **WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA.**

Flammable Property Info

Explosion Info **NONE - CORROSIVE LIQUID. CONTACT WITH ALUMINUM CAUSES SEVERE CORROSION AND RELEASES HYDROGEN GAS.**

Extinguishing Media **CO2, FOAM, DRY CHEMICALS**

Gases

VI Accidental Measures

Spill and Leak Clean UP Procedures: **STOP LEAK AND CONTAIN SPILLED MATERIAL. FLUSH SMALL AMOUNTS TO DRAIN AFTER NEUTRALIZATION WITH DILUTE MINERAL ACIDS. COLLECT AND RETURN LARGE AMOUNTS TO AN APPROPRIATE COVERED CONTAINER. TREAT AS SOLID HAZARDOUS WASTE.**

CERCLA RQ = 5,000 LBS OR 507 GAL

Environmental Precautions

VII Handling and Storage

Ventilation Required? **NO** Instructions **NORMAL AIR DILUTION**

Safe Storage, Handling and Use Instructions: **DO NOT PRESSURE CONTAINER TO EMPTY. KEEP AWAY FROM ACIDS. KEEP CONTAINER CLOSED. DILUTE PRODUCT VERY SLOWLY. USE ONY IN IN STAINLESS STEEL MACHINES. CORROSIVE TO OTHER SOFT METALS.**

Imcompatible Materials

VIII Exposure Controls/ Personal Protection

Protective Gloves: **ALKALI RESISTANT, RUBBER, OR PVC**

Eye Protection: **FACE SHIELD, SAFETY GLASSES WITH SIDE SHIELD, SPLASH GOGGLES**

Respiratory Protection: **NIOSH ALKALINE RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED.**

Other Protective Clothing Equipment: **CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR; SAFETY SHOWER/EYE WASH IN USE AREA.**

IX Physical and Chemical Properties

Characteristics o of Hazardous Chemcial

Vapor Pressure **20.0** MmHg@ **20** °C	Vapor Density(Air=1) **>1**	pH	Water Solubility **100** %	
Appearance & Odor **WHITE TO TAN OPAQUE LIQUID; MILD ODOR**				
Boiling Point **248** °F	Melting Point °F	Flammability Limits in Air By Volume: Upper **NONE** Lower **NONE**		
Flash Point **NONE** °F	Auto Ignition **N/A** °F	Oxidizing Properties		
Specific Gravity **1.185**	Volatile by Volume **54** %			
Evaporation Rate(n-Butyl Acetate=1) **>1**				

X Stability and Reactivity

Peroxide, Pyrophoric, Unstable or Water Reactive **MODERATE**

Reactivity and Hazardous Polymerization **NONE**

Possible Hazardous Reactions

Conditions to Avoid

Materials To Avoid: **FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, STRONG ACIDS CAUSE VIOLENT REACTIONS AND HYDROGEN GAS.**

Hazardous Decomposition Products: **CO2 WITH INCOMPLETE COMBUSTION. H2 GAS IF PRODUCT CONTACTS ALUMINUM.**

XI Toxicological Information

XII Ecological Information

Possible Effects and Environmental Fate

Degradability

Aquatic Toxicity

XIII Disposal Consideration

Method of Disposal, Residues and Safe Handling: **CONTAINS NO PHOSPHATES; PH ADJUSTMENT BEFORE DISPOSAL. USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER. DISPOSE IN A MANNER CONSISTENT WITH LOCAL, STATE AND FEDERAL REGULATIONS. SOLUTIONS MAY BE TOXIC TO AQUATIC LIFE. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS.**

Disposal of Contaminated Material: **CO2 WITH INCOMPLETE COMBUSTION. H2 GAS IF PRODUCT CONTACTS ALUMINUM.**

XIV Transport Information

CORROSIVE LIQUID,BASIC,INORGANIC,N.O.S.,(SODIUM HYDROXIDE),8,UN3266,PG II, ERG#60, NAERG#154

XV-Regulatory Information

XVI-Other Information

S.A.R.A. Title III Section 313

NONE

ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.

State Right to Know Information

SODIUM HYDROXIDE - CAS #1310-73-2
TRISODIUM NITRILOTRIACETATE - CAS #5064-31-3
WATER - CAS #7732-18-5
ETHOXYLATED ALCOHOL SURFACTANT - CAS #68002-97-1
LINEAR ALCOHOL (MIXED SURFACTANT) - CAS #159653-48-2