
MATERIAL SAFETY DATA SHEET

Page 1 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

NP ORBIT DETERGENT S2 55-7**MSDS ID: 08423**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:

Product Descriptor:

MANUFACTURER: JOHNSON DIVERSEY, INC.
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800) 851-7145

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
NP ORBIT DETERGENT S2 55-7		>30%	None established	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

ACUTE: CORROSIVE. CAUSES SEVERE BURNS TO SKIN AND EYES. MAY CAUSE DESTRUCTION OF TISSUES ON CONTACT. DUSTS ARE CORROSIVE TO SKIN, EYES, AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED.

CHRONIC: SAME AS ACUTE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: SENSITIVE SKIN AND EYES; DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE.

IV. FIRST AID MEASURES

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NONE

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: NONE

UEL: NONE

EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICALS, WATER

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:

CORROSIVE SOLID. SWEEP OR SHOVEL MATERIAL INTO AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE LIQUID RESIDUE WITH DILUTE MINERAL ACIDS. WEAR PROPER PROTECTIVE EQUIPMENT. WASH SPILL AREA WITH WATER. CERCLA PRODUCT RQ = 3,571 LBS.

This product does not contain a reportable quantity (RQ) under CERCLA.

MATERIAL SAFETY DATA SHEET

Page 2 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

NP ORBIT DETERGENT S2 55-7

MSDS ID: 08423

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: STORE IN DRY PLACE. KEEP AWAY FROM ACIDS. KEEP COVER ON CONTAINER. KEEP OUT OF THE REACH OF CHILDREN. DILUTE PRODUCT VERY SLOWLY. DO NOT USE HOT WATER. USE ONLY IN STAINLESS STEEL MACHINES. CORROSIVE TO OTHER SOFT METALS.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: FACE SHIELD, SPLASH GOGGLES, AND SIDE SHIELD SAFETY GLASSES.
PROTECTIVE GLOVES: RUBBER, PVC, OR CHEMICALLY RESISTANT
OTHER PROTECTIVE CLOTHING/EQUIPMENT: SAFETY SHOWER AND EYE WASH. CHEMICALLY IMPERVIOUS CLOTHING AND FOOTWEAR TO PREVENT SKIN CONTACT.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: PROVIDE ADEQUATE VENTILATION
LOCAL VENTILATION: NO

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

BOILING POINT (DEG F): N/A	FREEZING POINT: Not determined
SPECIFIC GRAVITY/BULK DENSITY:	
pH:	pH 1% SOLUTION: Not Determined
VOLATILE BY VOLUME: 0	
VAPOR PRESSURE(mmHg): N/A at	VAPOR DENSITY: N/A

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

No data available.
TOXICITY TEST DATA:
No data available.

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA: No data available.
ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.
USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE AND DEFACE CONTAINER LABEL BEFORE SELLING OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE,

MATERIAL SAFETY DATA SHEET

Page 3 of 3
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

NP ORBIT DETERGENT S2 55-7**MSDS ID: 08423**

XIII. DISPOSAL CONSIDERATIONS (Cont.)

AND FEDERAL REGULATIONS. ADJUST PH BEFORE DISPOSAL. CONTAINS NO PHOSPHORUS. SOLUTIONS MAY BE TOXIC TO FISH OR AQUATIC LIFE. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS.

XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: Contains no hazardous air pollutants.

VOC CONTENT (EPA Method 24A): % VOC: Lb/Gal VOC:

CERCLA/EPCRA:

Section 313 Toxic Chemicals: None

SARA Section 311/312:

ACUTE:NO CHRONIC:NO FIRE:NO REACTIVITY:NO

SUDDEN RELEASE OF PRESSURE:NO

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: FIRE: REACTIVITY: SPECIAL:

STATE RIGHT-TO-KNOW INFORMATION:

SODIUM METASILICATE - CAS #6834-92-0

SODIUM CARBONATE - CAS #497-19-8

SODIUM HYDROXIDE - CAS #1310-73-2

SILICON DIOXIDE - CAS #14464-46-1

ALKYL POLYETHOXYGLYCOL - CAS #68131-39-5

SODIUM ALUMINUM SILICATE - CAS #68989-22-0

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

DISCLAIMER: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.