
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/13/03
Printed 2/03/04

SPREX AC 6**MSDS ID: 04028**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SPREX AC 6

Product Descriptor: NON-SILICATED ALUMINUM CLEANER

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
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DODECYLBENZENE SULFONIC ACID, SODIUM SALT	25155-30-0	1 - 5%	None established	
LINEAR ALCOHOL ETHOXYLATE	68439-46-3	1 - 5%	None est.	
SODIUM TETRABORATE DECAHYDRATE		>30%	None established	
TETRASODIUM PYROPHOSPHATE	7722-88-5	5 - 15%	5	MG/M3

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING - Product contains irritating or harmful chemical and solvents. Causes eye and skin irritation or burns, and possible respiratory irritation. May be harmful if swallowed. Do not get in eyes, on skin or clothing. Wear eye protection, rubber gloves, protective clothing and footwear. Wash after handling. Avoid breathing dust, mist, or vapors. Heat and evaporation may release vapors that cause respiratory irritation, dizziness or headache. Wear respiratory protection in enclosed areas.

POSSIBLE ROUTES OF ENTRY: Ingestion

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Severe irritation with redness, pain and swelling. SKIN: Irritation with dryness or itching may develop with pain and redness. INGESTION: If swallowed, gastric distress, diarrhea, nausea and vomiting may occur. INHALATION: May cause irritation of respiratory tract.

CHRONIC: Same as acute effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis or sensitive skin.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin and stomach.

IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention.

SKIN: Rinse off product and wash with mild soap and water.

INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several glasses of water. DO NOT induce vomiting. If patient vomits, rerinse mouth. Get immediate medical attention. NOTE: Never

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IV. FIRST AID MEASURES (Cont.)

give fluids by mouth to an unconscious person.
INHALATION: Remove to fresh air. If breathing difficulties arise, get medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NONE FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: NONE UEL: NONE
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.
EXTINGUISHING MEDIA: Water spray, CO2, foam or dry powder.
FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus SCBA) in fire area.
SPECIAL INSTRUCTIONS: Spilled product may cause slippery surface and fall hazard.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
Contain spilled solids. Wear protective clothing. Sweep or shovel solids or powder into a non-reactive chemical waste container. Dispose of materials in accordance with local, State and Federal regulations. Flush spill area with water.
This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Safety glasses with side shields. Chemical goggles if contact or splash hazard exists.
PROTECTIVE GLOVES: Alkali resistant.
RESPIRATORY PROTECTION: Not normally required.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Long sleeved shirt and clothing to cover exposed skin if contact hazard exists.
ENGINEERING CONTROLS:
VENTILATION: Good general ventilation should be sufficient to control airborne levels.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White powder, mild odor.

BOILING POINT (DEG F): NONE	FREEZING POINT: N/A
SPECIFIC GRAVITY/BULK DENSITY: 1.15	
pH: N/A	pH 1% SOLUTION: 9.2
VOLATILE BY VOLUME: 0	
SOLUBILITY IN WATER: Soluble	
VAPOR PRESSURE(mmHg): N/A at	VAPOR DENSITY: N/A

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X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of sulfur; oxides of carbon; oxides of phosphorus

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: Toxicological testing has not been performed on the product. Listed below is the available toxicology test data for components of the product.

TOXICITY TEST DATA:

Alcohol Ethoxylates (CAS# 68439-46-3):

Acute Oral LD50	(rat)	1.4 gm/kg
Acute Dermal LD50	(rabbit)	5 gm/kg
Eye Irritation	(rabbit)	Severe
Skin Irritation	(rabbit)	Draize 1.2 (4 hrs.)

Disodium Phosphate:

Acute Oral LD50	(rat)	17 gm/kg
Skin Irritation	(rabbit)	500 mg/24 H MLD
Eye Irritation	(rabbit)	500 mg/24 H MLD

XII. ECOLOGICAL INFORMATION

Toxicological testing has not been performed on the product. Listed below is the available toxicology test data for components of the product.

ECOTOXICITY TEST DATA:

Sodium Tetraborate Dihydrate:

Acute LC50	(24 hr)	(Daphnia magna)	242 mg/l
Acute LC50	(96 hr)	(Limanda limanda)	74 mg/l
Acute LC50	(96 hr)	(Carassius auratus)	71 mg/l
Acute LC50	(168 hr)	(Carassius auratus)	65 mg/l
larval LC50	(24 day)	(Salmo gairdneri)	88 mg/l
larval LC50	(32 day)	(Salmo gairdneri)	54 mg/l

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.

Adjust pH of diluted product and discharge to industrial sewer in accordance with discharge permit or local POTW regulations. Use product in container until empty. Triple rinse container with water and add to process. Recycle or dispose of container according to product labeling or Federal, State or local regulations.

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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: NONE

VOC CONTENT (EPA Method 24A): % VOC: 0 Lb/Gal VOC: 0

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

NONE

SARA Section 311/312:

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

SUDDEN RELEASE OF PRESSURE: NO

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 2 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: B

NFPA RATING: HEALTH: 2 FIRE: 0 REACTIVITY: 0 SPECIAL: NONE

STATE RIGHT-TO-KNOW INFORMATION:

DISODIUM PHOSPHATE - CAS #7558-79-4

TETRASODIUM PYROPHOSPHATE - CAS #7722-88-5

ALCOHOL ETHOXYLATE - CAS #68439-46-3

SODIUM TETRABORATE DIHYDRATE - CAS #1303-96-4

SODIUM DODECYLBENZENE SULFONATE - CAS #25155-30-0

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.