

SAFETY DATA SHEET

PRODUCT CODE: 916

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NP916
PRODUCT CODES: 916

MANUFACTURER: National Polymers Inc.
STREET ADDRESS: 9 Guttman Avenue
CITY, STATE, ZIP: Charleroi, Pa. 15022

INFORMATION PHONE: 724-483-9300
EMERGENCY PHONE: Chemtrec 800-424-9300
FAX PHONE: 724-483-9306

PREPARED BY: Harry Jackson

DATE REVISED: 1/2/15

Chemical Name or Class: Cleaning solution

SECTION 2: HAZARDS IDENTIFICATION

Hazard Overview

GHS Classification: Skin corrosion/irritation category 2, Serious eye damage category 1,

GHS Label Elements and Precautionary Statements:

Label Elements: Exclamation Mark, Corrosion



Hazard Statements:

Warning: Causes skin irritation

Danger: Causes serious eye damage

Precautionary statements:

P102 Keep out of reach of children.

P103 Read label before use

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302 + P352 IF ON SKIN: wash with plenty of soap and water.

P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

P362 + P364 Take off contaminated clothing and wash it before reuse

P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 If in eyes, immediately call a POISON CENTER or doctor/physician.

Disposal:

P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws

HMIS HAZARD CLASSIFICATION

HEALTH: 2 **FLAMMABILITY: 0** **REACTIVITY: 0** **PERSONAL PROTECTIVE EQUIPMENT: G**

POTENTIAL HEALTH EFFECTS

EYES:

CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION, AND POSSIBLE CORNEAL DAMAGE.

SKIN:

MAY CAUSE IRRITATION, DEFATTING AND DERMATITIS.

INGESTION:

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. INGESTION OF MATERIAL CAN CAUSE SEVERE BURNS TO THE MUCOUS MEMBRANES AND DIGESTIVE TRACT.

INHALATION:

CAN CAUSE NAUSEA AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, AND HEADACHE.

HEALTH HAZARDS (ACUTE AND CHRONIC):

REPEATED CONTACT TO SKIN MAY CAUSE DEFATTING OR DRYNESS OF SKIN OR OTHER SIMILAR CONDITIONS. EYES: EXPOSURE TO THIS MATERIAL CAN CAUSE EYE DAMAGE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

RESPIRATORY CONDITIONS OR OTHER ALLERGIC RESPONSE.

CARCINOGENICITY

OSHA: NO NTP: NO IARC: NO

ADDITIONAL CARCINOGENICITY INFORMATION:

SAFETY DATA SHEET

PRODUCT CODE: 916

NO CONSTITUENTS OF THIS PRODUCTS ARE REGULATED AS CARCINOGENS UNDER OSHA, IARC, OR NTP PROGRAMS.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>	<u>WEIGHT %</u>
*Triethanolamine dodecylbenzene sulfonate	27323-41-7	NONE	NONE	NONE	5.2
Sodium sulfate	7757-82-6	NONE	NONE	NONE	0.1-1
WATER	7732-18-5	NONE	NONE	NONE	60-100
SODIUM METASILICATE	6834-92-0	15mg/m3	15mg/m3	NONE	5-10

“*” indicatetoxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.***

Note: Ingredients listed without percentages, the percentages are considered a trade secret.

SECTION 4: FIRST AID MEASURES

EYES:

FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN.

SKIN:

SKIN CONTACT WILL NORMALLY CAUSE NO MORE THAN IRRITATION BUT WASH AFFECTED AREA WITH SOAP AND WATER AND REMOVE CONTAMINATED CLOTHING PROMPTLY.

INGESTION:

DO NOT INDUCE VOMITING, KEEP PERSON WARM AND CONSULT A PHYSICIAN IMMEDIATELY.

INHALATION:

REMOVE VICTIM TO FRESH AIR AREA AND ADMINISTER OXYGEN IF NECESSARY.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR,
(% by volume)

UPPER: not available
LOWER: not available

FLASH POINT: N/A

METHOD USED:

N/A

EXTINGUISHING MEDIA:

OTHER

SPECIAL FIRE FIGHTING PROCEDURES:

NONE KNOWN

UNUSUAL FIRE AND EXPLOSION HAZARDS:

NONE KNOWN

SECTION 6: RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR RESPIRATOR AND PROTECTIVE CLOTHING. REMOVE EXCESS WITH VACUUM TRUCK AND TAKE UP THE REMAINDER WITH AN ABSORBANT SUCH AS CLAY AND PLACE IN DISPOSAL CONTAINERS. KEEP MATERIAL OUT OF ALL WATERWAYS.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE IN COOL DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. PROPERLY LABEL ALL CONTAINERS.

OTHER PRECAUTIONS:

AVOID ALL SKIN CONTACT. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. WASH ALL CONTAMINATED CLOTHING PRIOR TO THE REUSE THEREOF. WEAR APPROPRIATE SAFETY EQUIPMENT AND RESPIRATOR AT ALL TIMES WHEN VENTILATION IS NOT SUFFICIENT TO CONTROL VAPORS.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

ENGINEERING OR ADMINISTRATIVE MEASURES SHOULD BE TAKEN TO REDUCE THE RISK AND EXPOSURE.

VENTILATION:

GENERAL LOCAL EXHAUST

PROTECTIVE GLOVES:

IMPERVIOUS GLOVES, NEOPRENE OR RUBBER.

EYE PROTECTION:

SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

SAFETY DATA SHEET

PRODUCT CODE: 916

WEAR BODY COVERING CLOTHING AND OTHER COVERINGS AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.

WORK HYGIENIC PRACTICES:

OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

SEE SECTION THREE FOR OCCPATONAL EXPOSURE LIMIT VALUES.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: CLEAR LIQUID WITH VERY LITTLE ODOR

BOILING POINT OR RANGE: 212F

VAPOR DENSITY (AIR = 1): N/A

SPECIFIC GRAVITY (H₂O = 1): 1.0

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: SOLUBLE

Odor Threshold: N/A

pH: N/A

Melting point/freezing point: N/A

Vapor Pressure: N/A

Auto Ignition Temperature: N/A

Partition Coefficient: n-octanol/water: N/A

Decomposition Temperature: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

STABLE

CONDITIONS TO AVOID (STABILITY):

NONE KNOWN

INCOMPATIBILITY (MATERIAL TO AVOID):

AVOID CONTACT WITH STRONG OXIDIZING AGENTS, AND STRONG ACIDS

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

MAY FORM TOXIC CHEMICALS, CARBON DIOXIDE, CARBON MONOXIDE, SULFUR DIOXIDE, HYDROGEN SULFIDE, AND NITROUS OXIDES.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

No data for the product itself.

Component data:

Component SODIUM METASILICATE CAS# 6834-92-0: The hazard of sodium metasilicates, by all routes, comes from its corrosivity caused by the high alkalinity. Ingestion : LD50 Rat : 600 - 1350 mg/kg . Inhalation : irritating to respiratory system. Eye : Corrosive. May cause serious damage to eye, unless treated. Immediately. Skin : Corrosive.

SECTION 12: ECOLOGICAL INFORMATION

No data for the product itself.

Component data:

Component Sodium sulfate CAS# 7757-82-6: EC50 Water flea (Ceriodaphnia dubia): 2807 - 3535 mg/l 48

Hours. LC50 Striped bass (Morone saxatilis): 56 mg/l 96 hours

Component SODIUM METASILICATE CAS# 6834-92-0: General consideration : soluble silicates upon dilution rapidly depolymerise into molecular species indistinguishable from natural dissolved silica. They combine with ions like Ca, Mg, Fe, Al and others to end up as insoluble compounds similar to constituents of natural soils. However, the pH of most undiluted silicate solutions is above acceptable limits for direct discharge into waterbodies. Mobility : not mobile. Biodegradability : not applicable on inorganic substances. Accumulation : no. Ecotoxicity : LC₅₀ Fish : 3185mg product/litre (by analogy with sodiumsilicate with MR 3.36, 35%). EC₅₀ Bacteria : > 1000mg product/litre (by analogy with odilmsilicate with MR 3.36, 35%). EC₅₀ Daphnia: 4857mg product/litre (by analogy with Sodiumsilicate with MR 3.2, 35%).

SECTION 13: WASTE DISPOSAL

WASTE DISPOSAL METHOD:

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

SECTION 14: Transport Information

DOT: UN1760, CORROSIVE LIQUID N.O.S. (SODIUM METASILICATE), 8, PG III

SAFETY DATA SHEET

PRODUCT CODE: 916

IMO/MDG: UN1760, CORROSIVE LIQUID N.O.S. (SODIUM METASILICATE), 8, PG III

SECTION 15: REGULATORY INFORMATION

No data for the product itself.

Component data:

Component Triethanolamine dodecylbenzene sulfonate CAS# 27323-41-7: US federal regulations US CERCLA Hazardous Substances: Reportable quantity Triethanolamine dodecylbenzene sulfonate (CAS 27323-41-7) 1000 LBS. Section 311 hazardous chemical - Yes

Component Triethanolamine dodecylbenzene sulfonate CAS# 27323-41-7, Sodium Sulfate CAS# 7757-82-6 and WATER CAS# 7732-18-5: Component is on the Australian Inventory of Chemical Substances (AICS), Canada Domestic Substances List (DSL), China Inventory of Existing Chemical Substances in China (IECSC), Europe European Inventory of Existing Commercial Chemical Substances (EINECS), Japan Inventory of Existing and New Chemical Substances (ENCS), Korea Existing Chemicals List (ECL), New Zealand New Zealand Inventory, Philippines Philippine Inventory of Chemicals and Chemical Substances (PICCS), United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory.

State regulations: New Jersey RTK - Substances: Listed substance for Triethanolamine dodecylbenzene sulfonate (CAS 27323-41-7). US - Pennsylvania RTK - Hazardous Substances: Listed substance for Triethanolamine dodecylbenzene sulfonate (CAS 27323-41-7) and Sodium sulfate (CAS 7757-82-6).

Component SODIUM METASILICATE CAS# 6834-92-0: Component is on the TSCA, Canada DSL lists. This component is on the Pennsylvania and New Jersey right to know lists.

SECTION 16: OTHER INFORMATION

DISCLAIMER: The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

N/A = Not Available

See Section 1 for date of preparation