

AccuSpray NF

SECTION 1. IDENTIFICATION

Product	AccuSpray NF
Recommended Use	Spraywash Cleaner
Restrictions on Use	Industrial Use Only
Manufacturer	AccuChem Industrial Cleaning Chemicals
Emergency Telephone Number	AccuChem (780) 466-2101 Canutec (613) 996-6666

SECTION 2. HAZARD IDENTIFICATION

Physical Hazards None

Health Hazards

Classification

Serious Eye Irritant/Damage

Skin Corrosion/Irritation

Specific Target Organ Toxicity (Single Exposure)

Category

1

1

3 (respiratory system)

Signal Word Danger

Hazard Pictograms



Hazard Statements

H318 Causes serious eye damage/irritation.

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory tract irritation.

Precautionary Statements

Prevention

P101 If medical advice is needed have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective gloves, eye protection and face protection when using this product.

P264 Wash hands and exposed skin thoroughly after contact during handling.

P261 Avoid breathing dust.

P270 Do not eat, drink or smoke while using this product.

Response

P305+P351+P338 If in eyes rinse cautiously and thoroughly with water for several minutes. Remove contact lenses if present and easy to do so and continue rinsing. If feel unwell contact a physician.

P303+P361+P353 If on skin (or hair) take off immediately all contaminated clothing. Rinse skin with water (or shower).

P301+312+P330 If swallowed rinse mouth with water, if feel unwell contact a physician.

P304+P340 If inhaled remove person to fresh air and keep comfortable for breathing.

P363 Wash contaminated clothing before reuse.

P390 Absorb spillage to prevent material damage.

Storage

Keep away from incompatible materials.

Disposal

P501 Dispose of product in accordance with local regulations.

Other Hazards None

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration %	Common name/Synonyms	Other identifiers
Sodium metasilicate	6834-92-0	20-40		
Sodium tripolyphosphate	7758-29-4	20-40	STPP	
Sodium carbonate	497-19-8	1-10	Soda ash	
Sodium alkylnaphthalene sulfonate	1258274-08-6	1-10		
Alcohol ethoxylates	68991-48-0	1-10		

SECTION 4. FIRST-AID MEASURES

Inhalation: Move to fresh air.

Skin Contact: In case of skin contact, wash thoroughly with water.

Eye Contact: Flush eyes with abundant water and consult a physician.

Ingestion: In case of ingestion do not induce vomiting. Call a Physician.

Most Important Symptoms and Effects, Acute and Delayed

Severe irritation and permanent eye damage may occur unless immediate flushing with plenty of water is performed. Prolonged or repeated skin contact may lead to dermatitis in sensitive individuals. Mists or aerosols generated from solutions of the product may be irritating to the eyes, nose, throat and respiratory tract.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: dry chemical, CO₂, water spray, foam.

Unsuitable Extinguishing Media: N/A

Specific Hazards Arising from the Product: combustion products, oxides of carbon, nitrogen and sulfur.

Special Protective Equipment and Precautions for Fire-Fighters: self-contained breathing apparatus and full protective clothing should be worn.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: use safety glasses and wear rubber gloves when handling this product to prevent eye and skin contact.

Methods for Containment and Cleaning Up: pick up small spills and dispose in solid waste, then flush area with water.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Use recommended protective equipment when handling this material. Contaminated clothing must be laundered before wearing.

Conditions for Safe Storage

Keep container closed and store in a dry location.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters: none determined.

Appropriate Engineering Controls: none for normal use.

Individual Protection Measures

Eye/Face Protection: safety glasses

Skin Protection: wear gloves

Respiratory Protection: face mask

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: off-white granular powder.

Odour: mild.

Odour Threshold: not determined.

pH: 11-12 (at typical use dilution)

Melting Point and Freezing Point: not applicable.

Initial Boiling Point and Boiling Range: not applicable.

Flash Point: not applicable.

Evaporation Rate: not applicable.

Flammability (solid, gas): not applicable.

Upper and Lower Flammability or Explosive Limit: not applicable.

Vapour Pressure: not applicable.

Vapour Density (air = 1): not applicable.

Relative Density (water = 1): not applicable.

Solubility in Water: soluble.

Solubility in Other Liquids: not determined.

Partition Coefficient, n-Octanol / Water (Log Kow): not determined.

Auto-ignition Temperature: not determined.

Decomposition Temperature: not determined.

Viscosity: not applicable.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions of storage and use.

Chemical Stability: Stable under normal conditions of storage and use.

Possibility of Hazardous Reactions: No dangerous reactions known under normal conditions of storage and use.

Conditions to Avoid: None, stable under normal conditions of storage and use.

Incompatible Materials: Avoid contact with strong oxidizing agents and strong acids.

Hazardous Decomposition Products: None, stable under normal conditions of storage and use.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

- Inhalation:** mists or aerosols generated from solutions of the product may be irritating to the eyes, nose, throat and respiratory tract.
- Skin contact:** severe irritation and skin burns can occur on skin contact. Dermatitis may occur on prolonged or repeated skin contact.
- Eye contact:** can cause severe irritation and permanent eye damage if immediate flushing with plenty of water is not performed.
- Ingestion:** may cause irritation and corrosive burns to the mouth and throat.

Acute Toxicity: not classified, not an acutely toxic mixture.

Chemical Name	Test	Route	Result	Species
Sodium carbonate	LD50	oral	4090 mg/kg	rat
Sodium metasilicate	LD50	oral	752 mg/kg	rat
Sodium tripolyphosphate	LD50	oral	3120 mg/kg	rat
Sodium alkyl naphthalene sulfonate	LD50	oral	2252 mg/kg	rat
Alcohol ethoxylates	LD50	oral	8600 mg/kg	rat

Skin Corrosion / Irritation: category 1, causes skin burns and irritation on repeated or prolonged skin contact. Dermatitis may occur on prolonged or repeated skin contact.

Serious Eye Damage / Irritation: category 1, severe irritation and permanent eye damage may occur unless immediate flushing with plenty of water is performed.

Aspiration Hazard: not classified, not an aspiration hazard.

STOT (Specific Target Organ Toxicity) - Single Exposure: category 3, dust may cause respiratory tract irritation.

STOT (Specific Target Organ Toxicity) - Repeated Exposure: not classified, no specific target organ toxicity.

Respiratory and/or Skin Sensitization: not classified.

Carcinogenicity: not classified, product does not contain carcinogens.

Reproductive Toxicity: This product is not expected to have reproductive or developmental effects.

Development of Offspring: none determined.

Sexual Function and Fertility: none determined.

Effects on or via Lactation: This product is not expected to have lactation effects.

Germ Cell Mutagenicity: No ingredients of this product are known to be teratogen or mutagens.

Interactive Effects: No synergistic toxicological effects are known for the ingredients of this product.

SECTION 12. ECOLOGICAL INFORMATION

Biodegradability: Product is manufactured with biodegradable materials.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of all waste material in accordance with all local environmental regulations.

SECTION 14. TRANSPORT INFORMATION

Transportation of Dangerous Goods (TDG, Canada): not regulated.

Special Precautions: none.

Environmental Hazards: none known.

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: not established.

SECTION 15. REGULATORY INFORMATION

All ingredients of this product are on the Canada Domestic Substances List (DSL). No ingredients of this product are listed on the Environment and Climate Change Canada Toxic Substances List (Schedule 1).

SECTION 16. OTHER INFORMATION

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End of Safety Data Sheet