

SHARPERTEK®

Safety Data Sheet

SC20 Parts Washer Compound

Section 1 – Product and Company Information

Product Identifiers

Name SC20 Parts Washer Compound
Number SC20
Synonym Alkaline Cleaner
Brand Sharpertek
Product Use Formulated for industrial use only as a metal cleaner to remove grease, oil, and particulate from ferrous and non-ferrous metals in conjunction with aqueous parts cleaning systems.

Supplier

Name Sharpertek
Address 486 S Opdyke Rd Pontiac, MI 48341 www.Sharpertek.com
Telephone (248) 340-0593 - (248) 340-6189 Fax
Emergency Phone (800) 424-9300 CHEMTREC - Poison Control 1-800-222-1222
Prepared/Revised October 30, 2015

Section 2 – Hazard Identification

Classification of the substance or mixture.

Physical Hazards Not Classified
Health Hazards Skin irritation (Category 2) Causes skin irritation.
Eye irritation (Category 2A) Causes serious eye irritation.
Environmental Hazards Not Classified



GHS Label elements and precautionary statements

Pictogram: Exclamation Mark

Signal word: **WARNING**

Prevention Wash thoroughly after handling. Wear eye protection/ face protection/ protective gloves or clothing.

Response IF ON SKIN: Wash with plenty of water. Specific treatment, see instructions on this label. If skin irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse. Wash skin thoroughly after handling.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

Storage None

Disposal None

Hazards not otherwise classified (HNOC) or not covered by GHS.

HMIS Rating: Health hazard: 2 Chronic Health Hazard: Flammability: 0 Physical Hazard 0

NFPA Rating: Health hazard: 2 Fire Hazard: 0 Reactivity Hazard: 0

Supplemental Information.

See Section 16 for alphanumeric H-Statements and P-Statements.

You are encouraged and expected you to read and understand the entire SDS, as there is important information throughout the document. Follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

Section 3 – Composition/Information on Ingredients

Component	CAS Number	% Wt.
Sodium Xylene Sulfonate	1300-72-7	1-10
Alkylaryl polyether alcohol	68412-54-4	1-10
Sodium Metasilicate	6834-92-0	3-5

This composition consists of a combination of ingredients. The ones potentially contributing to classified hazards are reported above. The above chemistries are provided for industrial hygiene and environmental purposes and are not intended to represent product specifications. Read and understand the entire SDS, as there is important information throughout the document.

Section 4 – First Aid Measures

Description of first aid measures

General advice: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor and first responders.

In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

In case of skin contact: Wash with plenty of water. Take off all contaminated clothing. Wash contaminated clothing before reuse. Seek immediate medical attention if you feel unwell.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Contact a POISON CENTER/doctor/see immediate medical attention.

If swallowed: Immediately call a POISON CENTER/doctor/ Seek immediate medical attention. Specific treatment is shown. Rinse mouth.

Most important symptoms and effects, both acute and delayed: See Sections 2 and 11.

Indication of any immediate medical attention and special treatment needed: Physicians/First Responders: Treat symptomatically.

Section 5 – Firefighting Measures

Extinguishing Media

Product does not burn. Use extinguishing media appropriate to the surrounding fire.

Suitable Extinguishing Media: Use dry chemical, foam or water fog to extinguish.

Unsuitable Extinguishing Media: Do not use direct water stream. It may spread fire and, or splatter product.

Special hazards arising from the substance or mixture: Use water spray to cool fire exposed container surfaces and to protect personnel. Thermal decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiate at sufficient concentrations).

Advice for firefighters: Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. (MSHA/NIOSH approved or equivalent).

Further information: If employees are expected to fight fires, training and equipment information can be found in OSHA Fire Brigades Standard (29 CFR 1910.156).

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Avoid breathing fume/gas/mist/spray. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. May create a slipping hazard. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.

Environmental precautions: Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Methods and materials for containment and cleaning up: If large amount is spilled, dike and pump liquid into suitable containers or holding tanks. Small spills may also be absorbed with clay, vermiculite, or inert substance and packaged in suitable containers for disposal. Neutralize residue with dilute inorganic acid and flush area with water. If spilled on the ground, contaminated soil should be removed and placed in proper containers for disposal. Do not flush material to public sewer or waterway. Decontaminate all tools and equipment following cleanup. All disposal should be in accordance to federal, state and local regulations.

Reference to other sections-resources: For additional information, refer to Section 8: Exposure Controls and Personal Protection, Section 7: Handling, Section 12: Ecological Information, Section 13: Disposal Considerations and OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120).

Section 7 – Handling and Storage

Precautions for safe handling: Prior to working with this product you should be trained on its proper handling and storage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapor or mist. Wear appropriate protective clothing. Clothing, shoes or other protective gear that is contaminated or soaked with this material or its solutions should always be promptly removed and not used until clothing is laundered and shoes decontaminated or destroyed. Wash thoroughly after handling. Do not take internally. Always have water available for First Aid.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end use: Section 1

Section 8 – Exposure Control and Personal Protection

Control parameters

Guidelines may not apply to every situation. Industrial hygiene evaluations should be completed at each work place. Exposure limits are for air levels only. When skin contact also occurs, workers may be overexposed, even though air levels are less than the limits when provided.

Component Workplace Exposure Limits

Sodium Xylene Sulfonate (1300-72-7) - Alkyl Aryl Polyether Alcohol (68412-54-4) - Sodium Metasilicate (6834-92-0): No OSHA – NIOSH – ACGIH exposure limits.

Exposure controls

Appropriate engineering controls: Where possible, enclose operations and use local exhaust ventilation at the site of chemical release. Maintain airborne levels below exposure limit requirements or guidelines when available. If local exhaust ventilation or enclosure is not used respirators should be worn. Wear protective work clothing. Facilities storing, packaging or utilizing product should be equipped with an eyewash and a safety shower facility. Wash thoroughly immediately after exposure, before breaks and the end of the work shift. Post hazard and warning information in the work area. In addition, as part of an ongoing education and training effort, communicate all information on the health and safety hazards to potentially exposed workers.

Personal protective equipment

Safety glasses and chemical resistant gloves are recommended whenever chemicals are handled. Obtain detailed information from OSHA Personal Protective Equipment Standard (29 CFR 1910.132) and equipment suppliers.

Eye/face protection: Face shield and, or safety glasses are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Wear protective gloves/protective clothing. Clean or dispose of contaminated gloves, clothing and shoes after use in accordance with applicable regulations and good practices. Wash and dry hands.

Respiratory protection: Use when overexposure potential. Improper use of respirators is dangerous. Respirators should only be used with a written program as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Control of environmental exposure

Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with regulations.

Section 9 – Physical and Chemical Properties

General Information

Physical State

Form: Non Viscous Liquid
Color: Green
Odor: Mild

Important Health, Safety and Environment Information

Boiling Point/Range: >212°F (>100°C)
Flash Point: N/A
Auto Ignition Temp: N/A
Lower Flammability Limit (LEL): N/A
Upper Flammability Limit (UEL): N/A
Vapor Pressure (mm Hg at 77°F): As Water
Vapor Density (Air= 1): As Water
Freezing Point/Melting Point: N/A
Solubility (Water): 100%
Specific Gravity: 1.05
Evaporation Rate (Ethyl ether = 1): N/A
Viscosity: Non-Viscous
pH: 12 - 10.4 @1%
Volatility (wt. %): 0
Bulk Density: N/A

Other Information

Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

Section 10 – Stability and Reactivity

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: When in contact with incompatible materials.

Conditions to avoid: Avoid incompatible materials and excessive heat or cold.

Incompatible materials: Strong oxidizing agents. Acidic materials. Contains Sodium metasilicate which will etch glass.

Hazardous decomposition products: Does not decompose under normal conditions.

Other decomposition products: Contact with acidic material and during fire, decomposition can produce carbon monoxide (highly toxic) and carbon dioxide (an asphyxiate at sufficient concentrations).

Section 11 – Toxicity Information

Information on Toxicological Effects

Component toxicity

Sodium xylenesulphonate (1300-72-7): Acute toxicity LD50 Oral - rat - male and female - $\geq 7,200$ mg/kg - LD50 Dermal - rabbit - male and female - $> 2,000$ mg/kg - Skin – rabbit - Result: No skin irritation - 24 h - Eyes – rabbit - Result: Irritating to eyes.

Disodium metasilicate (6834-92-0): Acute toxicity LD50 Oral - rat - male and female - 1,152 - 1,349 mg/kg Remarks: Skin – rabbit Result: Corrosive - 4 h (OECD Test Guideline 404)

Alkylaryl polyether alcohol (68412-54-4): Acute toxicity LD50 Oral - Rat - 4,000 mg/kg

Mixture toxicity

Inhalation – Dermal - Skin corrosion/irritation - Eye damage/eye irritation – Respiratory/skin sensitization - Germ cell mutagenicity – Reproductive toxicity - Specific target organ toxicity - single exposure - Specific target organ toxicity - repeated exposure - Aspiration hazard: All no data available - Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is classified as a carcinogen by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).

Additional Information

None known.

Section 12 – Ecological Information

Ecotoxicity

Component ecotoxicity

Sodium Metasilicate (6834-92-0): Toxicity to fish semi-static test LC50 - Danio rerio (zebra fish) - 210 mg/l - 96 h Toxicity to fish flow-through test LC50 - Oncorhynchus mykiss (rainbow trout) - 0.94 - 1.92 mg/l - 96.0 h mortality NOEC - Oncorhynchus mykiss (rainbow trout) - 0.54 mg/l - 96.0 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 12.5 mg/l - 48 h Toxicity to algae NOEC - Desmodesmus subspicatus (green algae) - 100 mg/l - 72 h (OECD Test Guideline 201)

Sodium xylenesulphonate (1300-72-7): No Data Available

Alkylaryl polyether alcohol (68412-54-4): Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - > 10 mg/l - 96 h

Mixture ecotoxicity

Toxicity to Fish - Persistence and Biodegradability - Bioaccumulative Potential - Mobility in Soil: No data available for mixture. Compound is considered biodegradable.

Other adverse effects

None known.

Section 13 – Disposal Consideration

Waste treatment methods

Product: Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging: Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 – Transport Information

DOT: Not Regulated – **IATA:** Not Regulated – **IMDG:** Not Regulated

Additional transportation system information can be obtained through a shipper authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of this material.

Section 15 – Regulatory Information

Federal

TSCA: Components of this product are listed on the TSCA Inventory.

RCRA: None of the ingredients are currently listed as a substance or a source waste under current RCRA regulations (40 CFR 261.31, 32 and 33).

CERCLA: Product is not found on Table 302.4, 40 CFR part 302.

SARA TITLE III: (Superfund Amendments and Reauthorization Act)

302 Components: None are subject to the reporting requirements of Section 302.

313 Components: None that exceed the threshold (De Minimis) reporting levels established by Section 313.

311/312 Hazards: Acute, Health

States

State Right to Know Components: PA and NJ: Disodium metasilicate (6834-92-0) - Sodium xylenesulphonate (1300-72-7)

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Canada

DSL: This product, or its components, are listed on or are exempt from the Canadian Domestic Substances List.

WHMIS: Component Classification:

Sodium metasilicate: Class E - Corrosive Material - Disclosure at 1.0%.

Sodium xylenesulphonate - Alkyl aryl polyether alcohol: Uncontrolled product according to WHMIS classification criteria.

Section 16 – Other Information

Full alphanumeric H-Statements and P-Statements.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

P264 Wash thoroughly after handling.

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

P302+P352 IF ON SKIN: Wash with plenty of water.

P321 Specific treatment see instructions on this label.

P332 + P313 If skin irritation persists: Get medical advice/ attention.

P362+364 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.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Disclaimer: Hazard ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all information contained in this SDS must be considered. The information in this Safety Data Sheet was obtained from sources we believe reliable. However, the information is provided without any warranty, expressed or implied regarding to its correctness. The conditions or methods of handling, storage, and/or disposal of this product is beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with usage, storage or disposal of this product. See Section 2 for technical and for emergency contact information.