SHARPERTEK®

Safety Data Sheet

SC20 PARTS WASHER COMPOUND

Section 1 – Product and Company Information

Product Identifiers

Name	SC20 Parts Washer Compound
Number	SC20
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. Pontaic, MI 48341 www.Sharpertekcom
Emergency Phone	**(800) 424-9300 CHEMTREC - Poison Control 1-800-222-1222**
Prepared/Revised	April 10, 2016

Section 2 – Hazard Identification

Classification of the substance or mixture.

Physical Hazard	Not Classified.
Health Hazards	Skin Corrosion/Irritation (Category 2), Causes skin irritation. Eye Damager/Irritation (Category 2A), Causes serious eye irritation.
Environmental Hazards	Not Classified

GHS Label elements and precautionary statements

Signal Word	**WARNING**
Pictogram	Exclamation Point
Prevention	Wash skin thoroughly after handling. Wear eye protection/ face protection. Wear protective gloves.
Response	IF ON SKIN: Wash with plenty of water. Specific treatment: See Section 4: First Aid Measures. If skin irritation persists: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse. 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 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.

Section 3 – Composition/Information on Ingredients

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

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 product specifications.

Section 4 – First Aid Measures

Description of first aid measures

General advice: Move out of dangerous area. Consult a physician. Show this SDS 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 and shoes. Wash contaminated clothing before reuse. Decontaminate or discard shoes. 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. Rinse mouth. Do not induce vomiting due to inhalation risk.
Most important symptoms and effects, both acute and delayed: See Sections 2 and 11.
Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5 – Firefighting Measures

Extinguishing Media
Suitable Extinguishing Media: Use dry chemical, foam or water fog to extinguish.
Unsuitable Extinguishing Media: Do not use direct water stream to avoid spreading fire and splattering chemicals.
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 chemical oxides, carbon monoxide and carbon dioxide (asphyxiates 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. Wear appropriate protective equipment and clothing during clean-up. 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: Contain spilled material if possible. Use noncombustible absorbents for small spills. Vacuum larger spills. Use suitable and properly labeled containers. Dispose of contents/container to an approved waste disposal plant. Never return spills to original containers for re-use.
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
Avoid contact with skin and eyes. Avoid inhalation of vapor or mist for liquids. Remove all traces of product and its residue before working on equipment. Maintenance personnel should wear protective equipment and clothing so as to prevent personal contact and should be informed regarding necessary precautions applicable to this product.
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
See 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 Metasilicate (6834-92-0) - Sodium Xylene Sulfonate (1300-72-7) - Alkyllaryl polyether alcohol (68412-54-4): 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. 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. Dispose of contaminated gloves after use in accordance with applicable regulations and good practices. Wash and dry hands. Wash contaminated clothing and decontaminate shoes before reuse. (Glove Material Options: Nitrile, neoprene or natural rubber.)
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

Information on basic physical and chemical properties

Form: Liquid
Color: Green, Non-Viscous
Odor: Mild
Oder Threshold: N/A
Boiling Point/Range: >212°F / Not Determined
Flash Point: Not Combustible
Auto Ignition Temp: N/A
Lower Flammability Limit (LEL) - Upper Flammability Limit (UEL): Not Applicable
Vapor Pressure: As Water
Vapor Density: As Water
Freezing Point/Melting Point: Not Determined
Solubility (Water): 100%
Specific Gravity: 1.05
Evaporation Rate (Ethyl ether = 1): Not Determined
Viscosity: Non-viscous
pH: 12.0 (10.4 @1%)

Other Information: Volatility (wt. %): 0

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.
Hazardous decomposition products: Contains Sodium Meta Silicate. Contains highly alkaline ingredients which may react with acidic materials to form Carbon Dioxide. Contains Sodium Meta Silicate which will etch glass.
Other decomposition products: May form toxic oxides of carbon under fire conditions.

Section 11 – Toxicity Information

Information on Toxicological Effects
Component toxicity
Sodium Metasilicate (6834-92-0): Acute toxicity: LD50 Oral - rat - male and female - 1,152 - 1,349 mg/kg Remarks: Gastrointestinal: Ulceration or bleeding from stomach.
Sodium xylene sulfonate (1300-72-7): Acute toxicityLD50 Oral - rat - male and female - >= 7,200 mg/kg Inhalation: no data available LD50 Dermal - rabbit - male and female - > 2,000 mg/kg no data available Skin corrosion/irritation Skin – rabbit Result: No skin irritation - 24 h Serious eye damage/eye irritation Eyes – rabbit Result: Irritating to eyes.
Alkyllaryl 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 xylene sulfonate (1300-72-7): No Data
Alkyllaryl 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.
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.

Section 15 – Regulatory Information

Federal
TSCA (Toxic Substance Control Act): Components of this product are listed on the TSCA Inventory.
RCRA: (Resource Conservation/Recovery Act): Section 13. Disposal Considerations.
CERCLA: (Comprehensive Emergency Response Compensation, and Liability Act): No components listed.
SARA TITLE III: (Superfund Amendments and Reauthorization Act)
301-303: None of the ingredients of this product are contained on SARA's Extremely Hazardous Substances List
311/312 Hazards: Acute Health Hazard
313 Components: None.
States
State Right to Know Components: PA & NJ: Sodium Metasilicate (6834-92-0) - Sodium xylene sulfonate (1300-72-7) - Alkyllaryl polyether alcohol (68412-54-4)
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 (DSL).
WHMIS: Sodium Metasilicate: E - Corrosive Material (Necrosis of animal skin tissue.) - Disclosure at 1.0%. - Sodium xylene sulfonate - Alkyllaryl polyether alcohol.

Section 16 – Other Information

Full alphanumeric H-Statements and P-Statements.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
P264 Wash skin thoroughly after handling.
P264 Wash thoroughly after handling.
P280 Wear eye protection/ face protection.
P280 Wear protective gloves.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment: See Section 4: First Aid Measures.
P332 + P313 If skin irritation persists: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362+364 Take off contaminated clothing and wash it before reuse.

Disclaimer
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.