


Safety Data Sheet

Section 1. Identification		
Product Identifier	Slam Dunk	Version: 7 Effective Date: 25 January 2021
Other Means Of Identification	None	
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
Recommended Use and Restrictions On Use	Hot tank degreaser. Do not mix with acids.	
Product Family	Blend	
Emergency Phone	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST	

Section 2. Hazard Identification	
Hazard Classification	
Physical Hazards	Corrosive to Metals – Category 1
Health Hazards	Skin Corrosion / Irritation – Category 1 Eye Damage / Irritation- Category 1 Specific Target Organ Toxicity – (Single Exposure) - Category 1
Signal Word	Danger
Hazard Statement	Causes severe skin burns and serious eye damage. May be corrosive to metals. Causes damage to organs (respiratory system – inhalation)
Precautionary Prevent Statement	Do not inhale dust or mist. Wash hands thoroughly after handling. Wear protective gloves, clothing eye and face protection. Keep in original packaging only. Do not eat drink, or smoke when using this product.
Precautionary Response Statement	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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	<p>IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water, or shower if on clothing. Wash contaminated clothing before reuse.</p> <p>IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.</p> <p>Specific Treatment: Do not induce vomiting unless directed by medical personnel.</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.</p> <p>Absorb spillage to prevent material-damage.</p> <p>IF exposed or concerned: Call a doctor.</p> <p>Specific Treatment: Do not induce vomiting unless directed by medical personnel.</p>
Precautionary Storage Statement	Store locked up.
Precautionary Disposal Statement	Dispose of contents / container in accordance with local regulations.
Other Hazards	None

Section 3. Composition / Information on Ingredients

Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Sodium metasilicate	Liquid glass	6834-92-0	90 - 100
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

Section 4. First-Aid Measures

Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Immediately flush skin with running water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops and persists.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Do not induce vomiting. Rinse mouth with water if conscious. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Strongly alkaline. Causes burns. May cause permanent damage to eyes.

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Immediate Medical Attention and Special Treatment	If in eye or on skin rinse with running water for several minutes. Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.
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Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use dry chemical, CO ₂ , water spray (fog) or foam.
Hazardous Combustion Products	May produce caustic fumes if involved in a fire, oxides of sodium and silicon may be produced.
Specific Hazards Arising From the Product	May be corrosive to metals with liberation of hydrogen gas.
Special Protective Equipment and Precautions For Fire-Fighters	Fire-fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Gloves (neoprene), coveralls, and footwear suitable for work site. Evacuate unnecessary personnel and mop up spilled product.
Environmental Precautions	Do not allow spilled material to enter surface drains and watercourses.
Methods and Materials For Containment and Clean-up	Carefully sweep up material without causing dust. Place material in a suitable container for disposal. Wash area with copious amounts of water to remove residues.

Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care, corrosive material. Avoid making dust.
Conditions For Safe Storage	Store in a cool dry place. Keep container closed when not in use.

Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
Sodium metasilicate	-	-	2mg/m ³	-
*Immediately Dangerous to Life and Health				
Exposure Controls	Local exhaust ventilation			



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Appropriate Engineering Controls	Use with good ventilation. Ensure eye wash station and safety shower are available.
Individual Protective Measures	If exposure limits are exceeded:
Eye / Face Protection	Chemical safety goggles.
Skin Protection	Wear long sleeves
Respiratory Protection	Use a NIOSH approved respirator fitted with HEPA filter

Section 9. Physical and Chemical Properties	
Appearance	Coarse brown powder
Odour	Pine Scent
Odour Threshold	Not data
pH	14
Flash Point	No data
Boiling Point and Boiling Range	No data
Melting Point and Freezing Point	No data
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not flammable
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Relative Density	55 lb/sq. ft.
Solubility	Soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	No data
Decomposition Temperature	No data
Viscosity	No data

Section 10. Stability and Reactivity	
Reactivity	Reacts with acids
Chemical Stability	The product is stable.
Possibility of Hazardous Reactions	It may react with aluminium with the production of flammable hydrogen gas. Reacts with acids with the formation of silicate precipitate.
Conditions to Avoid	None known.
Incompatible Materials	Avoid contact with strong acids, strong oxidizing agents, aldehydes, alcohols, glycols, organic anhydrides, and metals.

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Hazardous Decomposition Products Under normal storage conditions decomposition will not occur.

Section 11. Toxicological Information	
Component Toxicity	LD50 Oral LD50 Dermal LC50 Inhalation
Sodium metasilicate	1.153 g/kg (Rat) No data No data
Likely Routes of Exposure	
Skin:	May be corrosive.
Eyes:	Can cause irritation and damage to eyes.
Inhalation:	May cause irritation of the upper respiratory tract.
Ingestion:	May be irritating to mouth and throat. May cause irritation of digestive tract.
Acute Toxicity Estimates (ATE)	Not classified
STOT (Specific Target Organ Toxicity) – Single Exposure	Irritating to respiratory system
Aspiration Toxicity	Not classified
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Not classified
Skin Corrosion / Irritation	Corrosive
Serious Eye Damage / Irritation	Corrosive
Respiratory or Skin Sensitization	Not classified
Carcinogenicity	No information available.
Reproductive Toxicity	
- Sexual Function and Fertility	Not classified
- Development of Offspring	Not classified
- Effects on or via Lactation	Not classified
Germ Cell Mutagenicity	Not classified
Interactive Effects	Not classified
Other Information	None known

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Section 12. Ecological Information	
Ecotoxicity	Sodium Metasilicate: 96 h LC50: 2320ppm (Mosquito fish); 48 h LC50: 113 mg/L (Water flea)
Persistence and Degradability	Will not persist
Bioacumulative Potential	Not available
Biodegradability	Not available
Mobility in Soil	Not available
Other Adverse Effects	None known

Section 13. Disposal Considerations	
Disposal Considerations	Dispose of contents / container in accordance with local regulations.

Section 14. Transport Information	
UN Number	3262
UN Proper Shipping Name	Corrosive Solid, Basic, Inorganic N.O.S. (disodium trioxosilicate, pentahydrate)
Transport Hazard Class(es)	8
Packaging Group	II
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	154
Limited quantity	1kg

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

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Section 16. Other Information	
NFPA Rating	Health-2/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-2/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
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