


Safety Data Sheet

Section 1 - Product Information					
Product Name: Powder Descaler				Supplier:	Magnus
Product Code Number: WF16265 5103		Information Phone: 1-855-962-4687		Address:	16005 Gateway Drive Ste 300 Frisco, TX 75033
Product use:	Descaling agent	Emergency Contact: CHEMTREC 1-800-424-9300			
Section 2 - Hazard Identification					
GHS Classification: Eye damage/irritation - Category 2A, skin corrosion/irritation Category 2					
Section 2.1 - Label Elements					
Hazard Pictograms 		Precautionary Statements:			
Signal Word: Warning		Wear eye/face protection. Wash any exposed skin after handling. Wear protective gloves. IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing. If irritation persists get medical advice. IF ON SKIN: Wash with plenty of water. Specific treatment (see section 4 of the sds) If skin irritation occurs get medical advice./attention. Take off contaminated clothing and wash it before reuse.			
Hazard Statements: Causes serious eye irritation. Causes skin irritation					
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Sulfamic Acid		5329-14-6		<69	
Nonhazardous ingredients					
Sodium Citrate		6132-04-3		15-40	
Polyethylene Glycol 4000		25322-68-3		3-15	
Section 4 - First Aid Measures					
Skin: Wash off with soap and plenty of water. If irritation occurs consult a physician					
Eyes: Rinse thoroughly with plenty of water for at least 15 minutes. If irritation persists consult a physician.					
Inhalation: Move person into fresh air. If not breathing, give artificial respiration. Consult a physician					
Ingestion: Rinse mouth with water. Give milk or water to dilute material. Contact a POISON center or physician if you feel unwell. Never give anything by mouth to an unconscious person.					
Section 5 - Fire and Explosion Hazard Data					
Flash Point:	Limits	Extinguishing Media:		Special Fire Fighting Procedures: Avoid exposure to fumes or vapors.	
NONE	LEL: NA	Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.		Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.	
	UEL: NA				
Section 6 - Accidental Release Measures					
Sweep up spills and dispose of in suitable containers					
Section 7 - Handling and Storage					
Store upright in original closed container.					
Section 8 - Exposure Controls/PPE					
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Sulfamic Acid	none established	none estab.	Respiratory:	Not normally required	Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
			Eye:	Safety glasses	
			Skin:	Chemical resistant gloves	
			Ventilation:	Normal room ventilation	

Section 9 - Physical and Chemical Properties

Appearance	odor	odor threshold	pH	Melting Point	Boiling point	Evaporation rate	Flammability	Upper/lower flammability limits	Vapor pressure
White powder	none	NE	NA	NE	NE	>1(water =1)	NA	NA	NA
Vapor Density	Density	Specific Gravity	pH(100g/l)	Solubility (water 77° F)	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temperature	
NA	NA	NA	5-7	appreciable	NE	NA	NA	NA	

Section 10 - Stability and Reactivity

Product is stable when dry but slowly hydrolyzes in solution to form ammonium bisulfate. Hazardous polymerization will not occur. Product undergoes a violent or explosive reaction with chlorine, metal nitrates+heat, metal nitrites+heat, and fuming nitric acid. Avoid exposure to incompatibles and dispersion of particulates into air. Hazardous decomposition products include nitrogen oxide, sulfur oxides and ammonia gas.

Section 11- Toxicological Information

ingredient	Acute toxicity(oral LD50) rat	Acute toxicity(derm. LD50)rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -single Exposure	STOST Repeated exposure
sulfamic Acid	>3160mg/kg	>2000mg/kg	irritant	no	no	none	none	none

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

Dilute with water, neutralize with alkaline material such as lime,sodium hydroxide or sodium bicarbonate and flush to sewer with plenty of water. Follow applicable federal, state and local regulations.

Section 14 - Transport Information

UN number	Basic Description(DOT, IATA)	Class	Packing Group	LTD QTY
UN3260	Corrosive solid, acidic, inorganic, n.o.s (contains Sulfamic Acid)	8	III	< 11lbs

Section 15 - Regulatory Information

SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.

CERCLA: For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

	Harmonized tariff code:	HMIS: Health - 2	Flam. - 0	R - 0	PPE- B
Date Prepared: 25-Feb-20	3405.40.00.00	Prepared by: Environmental, Health and Safety Administrator.			

The information provided in this Safety Data Sheet is correct to the best of our knowledge, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established