

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	MAXIMUS
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2347
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Low Foam Floor scrubber concentrate
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2347.05
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2016-02-23

REPLACES MSDS VERSION DATED: 2016-02-01 and all prior revisions

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

Health	Skin corrosion/irritation	1 B
	Specific target organ toxicity-Single exposure	3
	Acute toxicity	4 Oral

Label elements



Signal word: DANGER

Hazard statements:

- H314 Causes severe skin burns and eye damage.
- H336 May cause drowsiness or dizziness..
- H302 Harmful if swallowed.

Precautionary statements:

- P305 IF IN EYES: Flush eyes with plenty of water. If redness persists, seek medical attention.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302 + P352 IF ON SKIN: Wash with soap and water.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS number	%
Diphosphoric acid, tetrapotassium salt	7320-34-5	1-5
Silicic acid (H ₂ SiO ₃), disodium salt	6834-92-0	1-5

The specific chemical identity and/or exact percentages are being withheld as a trade secret (CBI). In the event of an emergency, the exact chemical formula and percentages will be given to medical personnel upon request. All chemicals in this product are reported in the EPA TSCA inventory.

SECTION 4: FIRST AID MEASURES

Inhalation	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	Promptly flush skin with water until all chemical is removed.
Eye contact	Flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Contact a physician if redness persists
Ingestion	Give 1-2 glasses of water. Do not induce vomiting. Get medical advice. Do not give anything by mouth to an unconscious or convulsing person.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point	>200°F (93°C)
Flash Point Method	N/A
Extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	Not applicable
Hazardous combustion	Not applicable

products

Special exposure hazards None

Special protective equipment Full protective clothing and approved self-contained breathing apparatus required for firefighting personnel.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures Use appropriate protective equipment. (See Section 8.) Do not get into eyes, skin, or clothing. Wear respiratory protection. Avoid breathing vapors. Ensure adequate ventilation.

Environmental Precautionary Measures Do not empty into drains.

Methods and Materials for Containment and Cleanup Soak up residue with an absorbent such as clay or sand. Place in a nonleaking container for proper disposal according to Federal, State, and Local regulations. Do not discharge into waterways or sewage systems.

SECTION 7: HANDLING AND STORAGE

Handling Use in a well-ventilated area. Do not breathe vapors. Do not get on skin, eyes, or clothing.

Storage Keep from freezing. Store between 50 and 80 degrees F. Keep container closed and in a well-ventilated area.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls Use in well ventilated area.

Personal Protective Equipment Safety Glasses, Gloves

Diphosphoric acid, tetrapotassium salt	7320-34-5	1-5	No data available
Silicic acid (H ₂ SiO ₃), disodium salt	6834-92-0	1-5	No data available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color Green liquid

Physical State Liquid

Odor Strawberry

Odor Threshold No data available

Flash point No data available

Partition Coefficient No data available

Boiling point No data available

Melting point/freezing point No data available

Auto-ignition temperature No data available

Vapor pressure No data available

Vapor density (Air-1) No data available

Specific gravity/Density 1.05

Viscosity No data available

Water solubility Soluble in water

pH >12

Evaporation rate (Water=1) No data available

Decomp Temp No data available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability Stable

Conditions to avoid Open flame and heat; freezing

Materials to avoid Strong oxidizing agents

Hazardous decomposition Carbon dioxide, carbon monoxide

Hazardous polymerization Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Diphosphoric acid, tetrapotassium salt 7320-34-5 1-5%

Information on toxicological effects

Acute toxicity	Oral LD50 Inhalation LC50 Dermal LD50 LD50 Dermal-rabbit	4,640 mg/kg	Remarks: Prolonged skin contact may cause skin irritation and/or dermatitis.
Other information on acute toxicity	No data available		
Skin corrosion/irritation	No data available		
Serious eye damage/eye irritation	No data available		
Respiratory or skin sensitization	No data available		
Germ cell mutagenicity	No data available		
Carcinogenicity			
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.		
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.		
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.		
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.		
Reproductive toxicity	No data available.		
Teratogenicity	No data available.		
Specific target organ toxicity	Single Exposure-No data available	Repeated Exposure-No data available	
Aspiration hazard	No data available		
Potential health effects	Inhalation-May be harmful if inhaled. Causes respiratory tract irritation. Ingestion-May be harmful if swallowed. Skin-May be harmful if absorbed through skin. Causes skin irritation. Eyes-Causes eye irritation.		
Signs and symptoms of exposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.		
Synergistic effects	No data available		

Additional Information RTECS: JL6735000

Silicic acid (H₂SiO₃), disodium salt 6834-92-0 1-5%

Information on toxicological effects

Acute toxicity	LD50 Oral-rat	1,153 mg/kg	
Inhalation	No data available		
Dermal	No data available		
Skin corrosion/irritation	Skin-rabbit	Result: Severe skin irritation – 24 hr	
Serious eye damage/eye irritation	No data available		
Respiratory or skin sensitization	No data available		
Germ cell mutagenicity	No data available		

Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.	
OSHA	No data available.	
Reproductive toxicity	Rat-Oral Effects on Newborn: Stillbirth. Effects on Newborn: Live birth index (# fetuses per litter; measured after birth). Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day 4). no data available	
Reproductive toxicity	Single Exposure-May cause respiratory irritation.	Repeated Exposure-No data available
Specific target organ toxicity	No data available	
Aspiration hazard	RTECS: VV9275000	
Additional information	Burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.	

SECTION 12: ECOLOGICAL INFORMATION

Diphosphoric acid, tetrapotassium salt	7320-34-5	1-5%
Information on ecological effects	Toxicity No data available	
Toxicity	Persistence and degradability No data available	
Persistence and degradability	Bio-accumulative potential No data available	
Bio-accumulative potential	Mobility in soil No data available	
Mobility in soil	PBT and vPvB assessment No data available	
PBT and vPvB assessment	Other adverse effects No data available	
Other adverse effects	6834-92-0	1-5%
Silicic acid (H ₂ SiO ₃), disodium salt	Information on ecological effects	
Information on ecological effects	Toxicity No data available	
Toxicity	Persistence and degradability No data available	
Persistence and degradability	Bio-accumulative potential No data available	
Bio-accumulative potential	Mobility in soil No data available	
Mobility in soil	Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted	
Results of PBT and vPvB assessment	Other adverse effects No data available	
Other adverse effects		

SECTION 13: DISPOSAL CONSIDERATIONS

Empty Containers	If empty container retains product residue, all label precautions must be observed. Dispose of unused product prior to disposing of empty container.
Disposal Considerations of Substance	Do not discharge into waterways or sewage systems. Transport with all closures in place. Return for reuse or dispose of according to national, local and state regulations.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION FOR QUANTITIES GREATER THAN 5 LITERS PER CONTAINER. UN3266, Corrosive liquid, basic, inorganic, n.o.s., 8, PGIII, (Sodium metasilicate solution)

DOT INFORMATION FOR QUANTITIES LESS THAN 5 LITERS PER CONTAINER. Limited Quantity

Marine Pollutant No

SECTION 15: REGULATORY INFORMATION

COMPONENT	CAS/PERC		CODES
Diphosphoric acid, tetrapotassium salt	7320-34-5	1-5%	TSCA
Silicic acid (H ₂ SiO ₃), disodium salt	6834-92-0	1-5%	TSCA

REGULATORY CODE DESCRIPTIONS
TSCA=Toxic Substances Control Act

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

Important Note: *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

End of SDS