

Turbo AL

1	PRODUCT AND COMPANY IDENTIFICATION
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Vendor Details:	Merrick Wheelhouse Industrial Solutions 1130 Springtown Road Suite A Alpha, NJ 08865	Supplier Details:	Merrick Wheelhouse Industrial Solutions 1130 Springtown Road Suite A Alpha, NJ 08865
Phone:	800-567-1443	Phone:	800-547-1443
Emergency:	Infotrac 800-535-5053	Emergency:	Infotrac 800-535-5053

2	HAZARDS IDENTIFICATION
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Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H315 - Causes skin irritation
H319 - Causes serious eye irritation

GHS Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash ... thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor/...
P321 - Specific treatment (see ... on this label).
P332+313 - If skin irritation occurs: Get medical advice/ attention.
P362 - Take off contaminated clothing.
P501 - Dispose of contents/container to ...

3	COMPOSITION/INFORMATION ON INGREDIENTS
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CAS#	Chemical Ingredients: % Chemical Name:
5329-14-6	<5% sulfamic acid

4	FIRST AID MEASURES
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Inhalation:	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. Give oxygen or artificial respiration if needed.
Skin Contact:	Promptly flush skin with water until all chemical is removed. Remove contaminated clothing and wash before reuse. Consult a physician if irritation persists.
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get medical attention if irritation occurs and persists.

Ingestion: Do NOT induce vomiting. Drink large quantities of milk, if available.

5	FIRE FIGHTING MEASURES
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Flash Point: N/A
Suitable extinguishing media Water spray, foam, CO2

Unsuitable extinguishing media

Specific hazards arising from exposed to fire from another the chemical Wear self contained breathing apparatus and other protective clothing. This material is non-flammable. If source, use extinguishing media suitable for that source.

General fire hazards waterway, sewer or drain to If possible, fire fighters should contain water contaminated by this material from being discharged to any prevent environmental contamination.

6	ACCIDENTAL RELEASE MEASURES
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This material is biodegradable. Wear personal protective equipment. Neutralize with copious amounts of water. Slowly add soda ash mixture to the residue.

This mixture should be 10 pounds of soda ash to 5 gallons of water.

7	HANDLING AND STORAGE
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Handling Precautions: Wear appropriate personal protective equipment. Avoid contact with eyes, skin, or clothing. Ensure adequate ventilation.

Storage Requirements: For safe storage, store between -15°C and 82°C. Store in original tightly sealed container. Store in well ventilated area. Keep out of reach of children.

8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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Personal Protective Equipment: Sulfamic acid (5329-14-6) []
Personal protective equipment

Eye/face protection: Face shield and safety glasses.

Skin protection: Handle with gloves. Wash and dry hands.

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate.

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Sulfamic acid (5329-14-6) [] : no data available

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance: Amber

Spec Grav./Density: 1.27

Boiling Point: 100°C

Vapor Pressure: 20 Torr

pH: <2

Evap. Rate: 2.0

Solubility: Complete

Freezing/Melting Pt.: Not determined

Vapor Density: 1.27

10	STABILITY AND REACTIVITY
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Chemical Stability: Product is stable under normal conditions.

Materials to Avoid: Do not mix with alkaline products.

Hazardous Decomposition: Not known.

Hazardous Polymerization: None

11	TOXICOLOGICAL INFORMATION
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Sulfamic acid (5329-14-6) []

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 3,160 mg/kg

LD50 Oral - mouse - 1,312 mg/kg Remarks: Behavioral:Excitement. Behavioral:Altered sleep time (including change in righting reflex).

LD50 Oral - guinea pig - 1,050 mg/kg

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Skin irritation Remarks: Moderate skin irritation

Skin - Human Result: Mild skin irritation

Result: Severe skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Moderate eye irritation

Result: Severe eye irritation - 24 h

Respiratory or skin sensitisation: 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

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: Not available

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., Symptoms and signs of poisoning are:; burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting, Inhalation may provoke the following symptoms:; spasm, inflammation and edema of the bronchi, spasm, inflammation and edema of the larynx, Aspiration or inhalation may cause chemical pneumonitis.

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ECOLOGICAL INFORMATION

Sulfamic acid (5329-14-6) []

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

13**DISPOSAL CONSIDERATIONS****14****TRANSPORT INFORMATION**

Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping. This product ships non-hazardous.

15**REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

Sulfamic acid (5329-14-6) [n/a%] TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

16**OTHER INFORMATION**

The manufacturer makes no warranties, express or implied, as to the accuracy or adequacy of the information contained herein. The manufacturer shall not be liable to the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, adequacy or furnishing of such information. It is for the purchaser to decide whether said information is suitable for the purchaser's purposes. No warranty of merchantability, fitness for any particular purpose is expressed or implied regarding the accuracy or completeness of this information. The results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assumes the risk of his use thereof.

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