

## SAFETY DATA SHEET

**STAN-TONE DB-34159 ALUMINUM METAL**Version Number 1.1  
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**STAN-TONE DB-34159 ALUMINUM METAL****Section 1. Identification**

GHS product identifier : STAN-TONE DB-34159 ALUMINUM METAL  
Chemical name : Mixture  
CAS number : Mixture  
Other means of identification : FO20029754  
Product type : solid

**Relevant identified uses of the substance or mixture and uses advised against**

Supplier's details : **GSDI Specialty Dispersions, Inc.**  
1675 Navarre Road SW, Massillon,  
Ohio USA 44646

1 330 837 8679

Emergency telephone number (with hours of operation) : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

**Section 2. Hazards identification**

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status :

Classification of the substance or mixture :

**GHS label elements**

Signal word : No signal word.  
Hazard statements : No known significant effects or critical hazards.

**Precautionary statements**

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General :  
 Prevention :  
 Response :  
 Storage :  
 Disposal :  
 Supplemental label elements :  
 Hazards not otherwise classified : Not available.

### Section 3. Composition/information on ingredients

Substance/mixture :  
 Chemical name : Mixture  
 Other means of identification : FO20029754

#### CAS number/other identifiers

Ingredient name	%	CAS number
Aluminum	63	7429-90-5
Calcium carbonate	9.9	1317-65-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

#### Description of necessary first aid measures

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

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Eye contact :  
Inhalation :  
Skin contact :  
Ingestion :

Over-exposure signs/symptoms

Eye contact :  
Inhalation :  
Skin contact :  
Ingestion :

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician :  
Specific treatments :  
  
Protection of first-aiders :

See toxicological information (Section 11)

**Section 5. Fire-fighting measures**

Extinguishing media

Suitable extinguishing media :  
Unsuitable extinguishing media :  
  
Specific hazards arising from the chemical :  
Hazardous thermal decomposition products :  
  
Special protective actions for fire-fighters :  
Special protective equipment for fire-fighters :

**Section 6. Accidental release measures**

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel :

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For emergency responders :

Environmental precautions :

Methods and materials for containment and cleaning up

Small spill :

Large spill :

**Section 7. Handling and storage**

Precautions for safe handling

Protective measures :

Advice on general occupational hygiene :

Conditions for safe storage, including any incompatibilities :

**Section 8. Exposure controls/personal protection**

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Aluminum	<p><b>OSHA PEL 1989 (1989-03-01) Calculated as Al</b>                      PEL: Permissible Exposure Level 15 mg/m3 Form: Dust  <b>PEL: Permissible Exposure Level 5 mg/m3 Form: Respirable fraction</b>  <b>PEL: Permissible Exposure Level 5 mg/m3 Form: PYRO</b>  <b>PEL: Permissible Exposure Level 5 mg/m3 Form: WELD_FUM</b>  <b>OSHA PEL (1993-06-30) Calculated as Al</b>                      PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust  <b>PEL: Permissible Exposure Level 5 mg/m3 Form: Respirable fraction</b>  <b>NIOSH REL (1994-06-01)</b>                      Time Weighted Average (TWA) 10 mg/m3 Form: Total  <b>Time Weighted Average (TWA) 5 mg/m3 Form: Respirable fraction</b>  <b>ACGIH TLV (2008-01-01)</b>                      TLV-TWA: Threshold Limit Value - Time weighted average PEL:                      Permissible Exposure Level 1 mg/m3 Form: Respirable fraction</p>

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Calcium carbonate	<p><b>OSHA PEL 1989 (1989-03-01)</b>                  PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust  <b>PEL: Permissible Exposure Level 5 mg/m3 Form: Respirable fraction</b>  <b>PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust</b>  <b>PEL: Permissible Exposure Level 5 mg/m3 Form: Respirable fraction</b>  <b>PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust</b>  <b>PEL: Permissible Exposure Level 5 mg/m3 Form: Respirable fraction</b></p> <p><b>OSHA PEL (1993-06-30)</b>                  PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust  <b>PEL: Permissible Exposure Level 5 mg/m3 Form: Respirable fraction</b>  <b>PEL: Permissible Exposure Level 15 mg/m3 Form: Total dust</b>  <b>PEL: Permissible Exposure Level 5 mg/m3 Form: Respirable fraction</b></p> <p><b>NIOSH REL (1994-06-01)</b>                  Time Weighted Average (TWA) 10 mg/m3 Form: Total  <b>Time Weighted Average (TWA) 5 mg/m3 Form: Respirable fraction</b></p>

Appropriate engineering controls :  
 Environmental exposure controls :

**Individual protection measures**

Hygiene measures :  
 Eye/face protection :

**Skin protection**

Hand protection :  
 Body protection :  
 Other skin protection :  
 Respiratory protection :

**Section 9. Physical and chemical properties**

**Appearance**

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Physical state	:	solid [Powder.]
Color	:	GREY
Odor	:	Not available.
Odor threshold	:	Not available.
pH	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive (flammable) limits	:	<b>Lower:</b> Not available. <b>Upper:</b> Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	<b>Dynamic:</b> Not available. <b>Kinematic:</b> Not available.

### Section 10. Stability and reactivity

Reactivity	:	
Chemical stability	:	
Possibility of hazardous reactions	:	
Conditions to avoid	:	
Incompatible materials	:	
Hazardous decomposition products	:	

### Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

#### Information on toxicological effects

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**Acute toxicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Irritation/Corrosion**

**Conclusion/Summary**  
**Skin** : Mixture.Not fully tested.  
**Eyes** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

**Sensitization**

**Conclusion/Summary**  
**Skin** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

**Mutagenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Carcinogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Reproductive toxicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Teratogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Specific target organ toxicity (single exposure)**

**Specific target organ toxicity (repeated exposure)**

**Aspiration hazard**

**Information on the likely routes of exposure** : Not available.

**Potential acute health effects**

**Eye contact** :  
**Inhalation** :

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Skin contact :  
Ingestion :

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact :  
Inhalation :  
Skin contact :  
Ingestion :

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.  
Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.  
Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : Mixture.Not fully tested.  
General :  
Carcinogenicity :  
Mutagenicity :  
Teratogenicity :  
Developmental effects :  
Fertility effects :

Numerical measures of toxicity

Acute toxicity estimates

Not available.

**Section 12. Ecological information**

Toxicity



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Product/ingredient name	Result	Species	Exposure
Aluminum			
	Acute LC50 260 µg/l Fresh water	Fish - Fish	96 h
	Acute LC50 120 µg/l Fresh water	Fish - Fish	96 h
	Acute LC50 160 µg/l Fresh water	Fish - Fish	96 h
	Acute LC50 310 µg/l Fresh water	Fish - Fish	96 h
	Acute LC50 1,130 µg/l Fresh water	Fish - Fish	96 h
	Acute LC50 38,000 µg/l	Aquatic invertebrates. Daphnia	48 h
	Acute NOEC 9 mg/l Fresh water	Aquatic plants - Aquatic plants	3 d

**Conclusion/Summary** : Not available.

**Persistence and degradability**

**Conclusion/Summary** : Not available.

**Bioaccumulative potential****Mobility in soil**

**Soil/water partition coefficient (KOC)** : Not available.

**Other adverse effects** :

**Section 13. Disposal considerations****Section 14. Transport information**

U.S. DOT Classification : Not regulated for transportation.

ICAO/IATA : Consult mode specific transport rules

IMO/IMDG (maritime) : Consult mode specific transport rules

**Section 15. Regulatory information**

U.S. Federal regulations :  
DEA List I Chemicals (Precursor Chemicals) :

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DEA List II Chemicals (Essential  
Chemicals) :

US. EPA CERCLA Hazardous Substances (40 CFR 302)

SARA 311/312

Classification : Acute Health Hazard

Composition/information on ingredients

Name	%	Classification
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SARA 313

Not applicable.

State regulationsInternational regulations

International lists :  
Chemical Weapons Convention :  
List Schedule I Chemicals :  
Chemical Weapons Convention :  
List Schedule II Chemicals :  
Chemical Weapons Convention :  
List Schedule III Chemicals

**Section 16. Other information**History

Date of printing : 04/06/2016  
Date of issue/Date of revision : 03/04/2016  
Date of previous issue : 06/22/2012  
Version : 1.1

Key to abbreviations

: ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of  
Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient

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MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

**References** : Not available.

**Notice to reader**

**To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any 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. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.**