

**Gardobond<sup>®</sup> Additive H 7302**

Version 0.1

Revision Date 05/31/2015

Print Date 06/01/2015

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**Product name : Gardobond<sup>®</sup> Additive H 7302

Substance number : REL\_11035

Chemical usage : Surfactant

**Manufacturer or supplier's details**

Company : Chemetall US, Inc.

Address : 675 Central Avenue  
New Providence NJ 07974

Telephone : (800) 526-4473

Telefax : (908) 464-4658

Emergency telephone no : CHEMTREC - 800-424-9300, 1-703-527-3887 (International)

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

Appearance	liquid
Colour	clear
Odour	sweet
Hazard Summary	Also harmful if swallowed. Causes eye and skin irritation.

**GHS Classification**

Acute toxicity (Oral) : Category 4

Skin irritation : Category 2

Eye irritation : Category 2A

**GHS Label element**

Hazard pictograms :



Signal word : Warning

Hazard statements : Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.

**Gardobond<sup>®</sup> Additive H 7302**

Version 0.1

Revision Date 05/31/2015

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## Precautionary statements

: **Prevention:**

Wash skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear eye protection/ face protection.  
Wear protective gloves.

**Response:**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.  
IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation occurs: Get medical advice/ attention.  
If eye irritation persists: Get medical advice/ attention.  
Take off contaminated clothing and wash before reuse.

**Disposal:**

Dispose of contents/ container to an approved waste disposal plant.

**Potential Health Effects**

Inhalation : no  
Skin : yes  
Ingestion : yes  
Aggravated Medical Condition : None known.

**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.

**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.

**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.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture :

**Hazardous components**

Component	CAS-No.	Weight percent
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**Gardobond® Additive H 7302**

Version 0.1

Revision Date 05/31/2015

Print Date 06/01/2015

E.P. Fatty Alcohol	174955-61-4	20 - 30
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Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 1910.1200).

Specific chemical identity of composition has been withheld as a trade secret.

Exact percentage of composition has been withheld as a trade secret.

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**SECTION 4. FIRST AID MEASURES**

If inhaled	: Remove person to fresh air. If signs/symptoms continue, get medical attention.
In case of skin contact	: Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
In case of eye contact	: Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Rinse mouth. Drink plenty of water. Obtain medical attention.

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**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	: Water spray Dry powder Foam Carbon dioxide (CO2)
Further information	: Use water spray to cool unopened containers.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus.

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	: Ensure adequate ventilation.
Methods and materials for containment and cleaning up	: Ventilate area. Clean up with inert absorbant material. Keep in suitable, closed containers for disposal. Flush with plenty of water.
Additional advice	: Never return spills in original containers for re-use.

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**SECTION 7. HANDLING AND STORAGE**

**Gardobond<sup>®</sup> Additive H 7302**

Version 0.1

Revision Date 05/31/2015

Print Date 06/01/2015

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|-----------------------------|--|
| Advice on safe handling     | : Use only with adequate ventilation.  |
| Conditions for safe storage | : Keep containers dry and tightly closed to avoid moisture absorption and contamination.<br>Store indoors in a cool, well-ventilated place |

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

- |                          |   |
|--------------------------|---|
| Respiratory protection   | : In case of insufficient ventilation wear suitable respiratory equipment.  |
| Hand protection          |   |
| Remarks                  | : Impervious gloves   |
| Eye protection           | : Safety glasses with side-shields  |
| Skin and body protection | : Rubber or plastic apron   |
| Hygiene measures         | : Avoid contact with skin, eyes and clothing.<br>Wear suitable gloves and eye/face protection.<br>Wear suitable protective clothing.<br>Wash hands before breaks and immediately after handling the product.<br>Provide adequate ventilation.<br>Do not inhale fumes.<br>Keep away from food and drink. |

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- |                             |                     |
|-----------------------------|---------------------|
| Appearance                  | : liquid            |
| Colour                      | : clear             |
| Odour                       | : sweet             |
| pH                          | : 6.0 - 7.0         |
| Freezing point              | : -7.8 °C           |
| Boiling point/boiling range | : no data available |
| Flash point                 | :<br>does not flash |
| Evaporation rate            | : 1<br>Water = 1    |
| Upper explosion limit       | : not applicable    |
| Lower explosion limit       | : not applicable    |

**Gardobond® Additive H 7302**

Version 0.1

Revision Date 05/31/2015

Print Date 06/01/2015

Vapour pressure	: no data available
Relative density	: 1.037
Bulk density	: 8.65 lb/gal
Solubility(ies)	
Water solubility	: completely soluble
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available

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**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid	: Direct sources of heat.
Incompatible materials	: Strong acids and strong bases
Hazardous decomposition products	: Carbon oxides

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Product:**

Acute oral toxicity	: Acute toxicity estimate : 397.500000 mg/kg Method: Calculation method
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**Components:****E.P. Fatty Alcohol:**

Acute oral toxicity	: LD50 rat: > 200.000000 mg/kg
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**Skin corrosion/irritation****Components:****E.P. Fatty Alcohol:**

Result: Skin irritation

**Serious eye damage/eye irritation****Components:****E.P. Fatty Alcohol:**

Result: Eye irritation

**Gardobond® Additive H 7302**

Version 0.1

Revision Date 05/31/2015

Print Date 06/01/2015

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

no data available

**Reproductive toxicity**

no data available

**STOT - single exposure**

no data available

**STOT - repeated exposure**

no data available

**Aspiration toxicity**

no data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

no data available

**Bioaccumulative potential****Product:**Partition coefficient: n-  
octanol/water : Remarks: no data available**Other adverse effects**

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

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**SECTION 14. TRANSPORT INFORMATION****International regulation****Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

**Gardobond® Additive H 7302**

Version 0.1

Revision Date 05/31/2015

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Not applicable for product as supplied.

**National Regulations****SECTION 15. REGULATORY INFORMATION**

**TSCA Status** : All components of this material comply with US TSCA requirements.

**OSHA Hazards** : Toxic by ingestion, Moderate skin irritant, Moderate eye irritant  
**WHMIS Classification** : D2B: Toxic Material Causing Other Toxic Effects

**EPCRA - Emergency Planning and Community Right-to-Know Act**

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**US State Regulations****Massachusetts Right To Know**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know**

water	7732-18-5
E.P. Fatty Alcohol	174955-61-4
Tripropylene glycol methyl ether	25498-49-1

**New Jersey Right To Know**

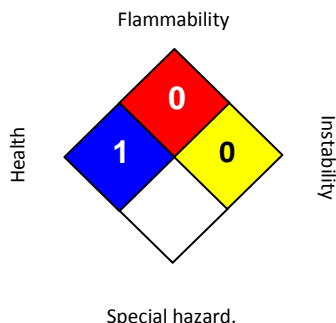
water	7732-18-5
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**NFPA:****HMIS III:**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Safety Glasses, Gloves, Apron

**SECTION 16. OTHER INFORMATION****Further information**

Version 1.0

Revision Date 05/31/2015

Chemetall US, Inc. warrants that the products described herein will conform with its published specifications.

The products supplied by Chemetall and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Chemetall materials for their own particular purpose. Since buyer's conditions of use of products are beyond Chemetall's control, Chemetall does not warrant any recommendations and information for the use of such products. CHEMETALL DISCLAIMS ALL OTHER WARRANTIES INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH THE USE OF ITS PRODUCTS.