



SAFETY DATA SHEET

Pyrobloc® SAP2/Thermoguard® FR

Version: 1.0

Revision Date: 03/31/2015

Print Date: 06/14/2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Pyrobloc® SAP2/Thermoguard® FR

Product Use Description: Fire retardant
Additive

Company: Chemtura Corporation
199 Benson Road
Middlebury, CT
06749
United States of America

Telephone: (US) +1 866-430-2775

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300
:
Chemtura Corporation Emergency Response: CHEMTURA : 800-292-5898

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by Product Safety Department
(US) +1 866-430-2775

MSDSRequest@chemtura.com

Recommended use of the chemical and restrictions on use

Recommended use : Fire retardant, Additive

Restrictions on use : Restricted to professional users.

SECTION 2. HAZARDS IDENTIFICATION

Form	powder
Colour	white
Odour	odourless

GHS Classification

Acute toxicity (Oral) : Category 4
Acute toxicity (Inhalation) : Category 4
Chronic aquatic toxicity : Category 2

GHS Label element

Signal word : **Warning**



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Hazard pictograms

:



Hazard statements

: H302 + H332 Harmful if swallowed or if inhaled
H411 Toxic to aquatic life with long lasting effects.

Other hazards

: None

Precautionary statements

: **Prevention:**
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
Response:
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P391 Collect spillage.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Self-ignitable

: 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.

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

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
sodium antimonate	15432-85-6	>= 90 - <= 100 %



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SECTION 4. FIRST AID MEASURES

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|---|--|
| If inhaled | : Remove to fresh air.
Get medical attention. |
| In case of skin contact | : Wash skin thoroughly with soap and water for at least 15 minutes.
If skin irritation occurs: Get medical advice/ attention. |
| In case of eye contact | : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention. |
| If swallowed | : If conscious, make the victim drink the following:
Drink 1 or 2 glasses of water.
Get medical attention immediately. |
| Most important symptoms and effects, both acute and delayed | : Respiratory disorder
Gastrointestinal disturbance |
| Notes to physician | : For specialist advice physicians should contact the Poisons Information Service. |

SECTION 5. FIREFIGHTING MEASURES

- | | |
|---|---|
| Suitable extinguishing media | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Specific hazards during firefighting | : Burning produces noxious and toxic fumes.
Thermal decomposition can lead to release of irritating gases and vapours. |
| Special protective equipment for firefighters | : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

- | | |
|---|--|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment. |
| Environmental precautions | : Avoid release to the environment. |
| Methods and materials for containment and cleaning up | : Prevent further leakage or spillage if safe to do so. Sweep up or vacuum up spillage and collect in suitable container for disposal. Flush with water. |



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SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.
Wear personal protective equipment.
Avoid contact with skin, eyes and clothing.
Avoid creating dust.
Avoid breathing dust.
Use only in well-ventilated areas.
- Conditions for safe storage : Keep in a dry, cool and well-ventilated place.
Keep container tightly closed.
Protect from contamination.
- Materials to avoid : Strong acids, Strong bases

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
sodium antimonate	15432-85-6	TWA	0.5 mg/m ³	OSHA Z-1
		TWA	0.5 mg/m ³	ACGIH
		TWA	0.5 mg/m ³	OSHA P0
		TWA	0.5 mg/m ³	NIOSH REL

- Engineering measures** : Use with local exhaust ventilation.
Adequate general ventilation is recommended when handling to control airborne levels.
Refer to OSHA 29 CFR 1910.94 for ventilation guidelines.
Use mechanical ventilation for general area control.

Personal protective equipment

- Respiratory protection : Wear a NIOSH/MSHA approved dust respirator if dusting occurs, or there is potential for airborne exposures to exceed established threshold values.
A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

- Hand protection
Remarks : Impervious gloves

- Eye protection : Safety goggles

- Skin and body protection : impervious clothing

- Hygiene measures : Wash thoroughly after handling.



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Wash contaminated clothing before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: powder
Color	: white
Odor	: odourless
Odour Threshold	: No data available
pH	: Not applicable
	: No data available
Boiling point/boiling range	: Not applicable
Evaporation rate	: Not applicable
Flash point	: does not flash
Auto-flammability	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: Not applicable
Relative vapour density	: Not applicable
Relative density	: 4.8
<u>Solubility(ies)</u>	
Water solubility	: slightly soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
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Chemical stability : No decomposition if stored normally.

Possibility of hazardous reactions : Will not occur.

Conditions to avoid : Exposure to moisture.

Incompatible materials : Strong acids
Strong bases

Hazardous decomposition products : Metal oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (Product) :
Remarks: Harmful if swallowed.

Acute inhalation toxicity (Product) : Remarks: Harmful by inhalation.

Aspiration toxicity (Product) : No aspiration toxicity classification

Further information (Product) : Acute Health Hazard

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish (Product) : Remarks:
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Elimination information (persistence and degradability)

Bioaccumulation (Product) : Remarks:
No data available

Mobility (Product) : Remarks:
No data available

Biodegradability (Product) : Result: No data available



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Further information on ecology

Ecotoxicology Assessment

Results of PBT assessment (Product)

This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

Additional ecological information (Product) : Avoid release to the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of wastes in an approved waste disposal facility.
The product should not be allowed to enter drains, water courses or the soil.
In accordance with local and national regulations.
Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.

Contaminated packaging : Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

DOT

UN number : 3077
Description of the goods : Environmentally hazardous substances, solid, n.o.s.
(sodium antimonate)
Class : 9
Packing group : III
Environmentally hazardous : yes
sodium antimonate

IATA

UN number : 3077
Description of the goods : Environmentally hazardous substance, solid, n.o.s.
(sodium antimonate)
Class : 9
Packing group : III
Environmentally hazardous : yes

IMDG



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UN number : 3077
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(sodium antimonate)
Class : 9
Packing group : III
EmS Number 1 : F-A
EmS Number 2 : S-F
Marine pollutant : yes
sodium antimonate

SECTION 15. REGULATORY INFORMATION

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

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

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

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:
sodium antimonate 15432-85-6

California Prop 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

US.TSCA	On TSCA Inventory
DSL	All components of this product are on the Canadian DSL.
AICS	On the inventory, or in compliance with the inventory
NZIoC	Not in compliance with the inventory
ENCS	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
CH INV	On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION



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Further information

Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a 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 any other materials or in any process, unless specified in the text.