

SAFETY DATA SHEET

EXOLIT AP 740

Page 1

Substance key: SXR111756
Version : 2 - 0 / USA

Revision Date: 05/05/2015
Date of printing :08/14/2015

SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Produkte (Deutschland) GmbH Frankfurt am Main, 65926 Telephone No.: +49 69 305 18000
Information of the substance/preparation:	Product Safety 1-704-331-7710
Emergency tel. number:	+1 800-424-9300 CHEMTREC

Trade name: EXOLIT AP 740
Material number: 142113

Primary product use: Flame retardants
Chemical family: mixture of flame retardants

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Melamine	108-78-1	< 25

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

SECTION 4. FIRST AID MEASURES

If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.

In case of skin contact : Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed : If swallowed, DO NOT induce vomiting.
Do not give anything to drink.

SAFETY DATA SHEET

EXOLIT AP 740

Page 2

Substance key: SXR111756
Version : 2 - 0 / USA

Revision Date: 05/05/2015
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Call a physician immediately.

Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).
No additional symptoms are known.

Notes to physician : None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : water

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
Ammonia

Electrical grounding of equipment is required to prevent possible dust explosion. Emits toxic fumes under fire conditions.

Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

Special protective equipment for firefighters : Self-contained breathing apparatus

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.
Do not breathe dust.
Small spills may be flushed to the sewer or swept up. Larger spills should be collected by shovelling into appropriate waste collection containers. Clean-up by flushing with water if desired or removal of contaminated soil. Utilize recommended clothing and equipment.

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

Methods and materials for containment and cleaning up : Pick up mechanically. Rinse away rest with water.
Dispose of contaminated material as prescribed

SECTION 7. HANDLING AND STORAGE

Advice on protection against : No special measures necessary.

SAFETY DATA SHEET

EXOLIT AP 740

Page 3

Substance key: SXR111756
Version : 2 - 0 / USA

Revision Date: 05/05/2015
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fire and explosion

Advice on safe handling : Avoid dust formation. Keep away from sources of ignition.
Lead off electrostatic charges.
Avoid inhalation, ingestion and contact with skin and eyes.
Wash thoroughly after handling.

Technical measures/Precautions : Store in original container.
Keep container tightly closed.
Store in a cool, dry, well-ventilated area.

Materials to avoid : Do not store with alkalis

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Melamine	108-78-1	TWA (Respirable)	5 mg/m ³	US WEEL
		TWA (Inhalable)	10 mg/m ³	US WEEL

Engineering measures : Local ventilation recommended - mechanical ventilation may be used.

Personal protective equipment

Respiratory protection : Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.

Hand protection

Remarks : Butyl Rubber, PVC Or Neoprene.

Eye protection : Safety glasses or chemical splash goggles.

Skin and body protection : Wear suitable protective equipment.

Hygiene measures : Clean skin thoroughly after work; apply skin cream.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : solid

Colour : white

Odour : odourless

SAFETY DATA SHEET

EXOLIT AP 740

Page 4

Substance key: SXR111756

Revision Date: 05/05/2015

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Odour Threshold	: Not tested
pH	: approx. 9.2, Concentration: 10 g/l (25 °C)
Melting point	: not determined
Boiling point	: not determined
Flash point	: Not applicable
Evaporation rate	: Not applicable
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: Not applicable
Relative vapour density	: Not applicable
Density	: 1.8 g/cm ³ (25 °C)
Bulk density	: 610 kg/m ³ (20 °C)
Solubility(ies) Water solubility	: < 30 g/l (25 °C)
Partition coefficient: n- octanol/water	: not determined
Auto-ignition temperature	: Not applicable
Decomposition temperature	: > 200 °C Method: DTA start of decomposition
Viscosity Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable
Explosive properties	: There are no chemical groups associated with explosive properties present in the molecule. Method: Expert judgement
Oxidizing properties	: Method: Expert judgement not oxidizing The product does not contain organic peroxide- groups which result from either the manufacturing process or from added ingredients.
Surface tension	: Based on chemical structure, no surface activity is expected or can be predicted.

SAFETY DATA SHEET

EXOLIT AP 740

Page 5

Substance key: SXR111756
Version : 2 - 0 / USA

Revision Date: 05/05/2015
Date of printing :08/14/2015

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: The substance or mixture does not emit flammable gases in contact with water. Not corrosive to metals Contact with strong bases liberates ammonia. Risk of dust explosion.
Conditions to avoid	: Protect from heat/overheating. Keep away from strong bases.
Incompatible materials	: See section 10.3. "Possibility of hazardous reactions"
Hazardous decomposition products	: Ammonia

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact
Skin contact
Inhalation

Acute toxicity

Product:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Remarks: The product has not been tested. The information is derived from the properties of the individual components.

Components:

Melamine:

Acute oral toxicity : LD50 (Rat): 3,161 mg/kg

Skin corrosion/irritation

Product:

Species: Rabbit
Result: slight irritant effect - does not require labelling
Remarks: The product has not been tested. The information is derived from the properties of the individual components.

Serious eye damage/eye irritation

Product:

Species: rabbit eye
Result: slight irritant effect - does not require labelling
Remarks: The product has not been tested. The information is derived from the properties of the

SAFETY DATA SHEET

EXOLIT AP 740

Page 6

Substance key: SXR111756
Version : 2 - 0 / USA

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individual components.

Carcinogenicity

IARC Not listed

OSHA Not listed

NTP Not listed

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : No information available.

STOT - single exposure

Product:

Remarks: not available

STOT - repeated exposure

Product:

Remarks: not available

Experience with human exposure

Product:

General Information : The possible symptoms known are those derived from the labelling (see section 2).

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish :
Remarks: no data available

Toxicity to soil dwelling organisms : Remarks: not available

Plant toxicity : Remarks: not available

Toxicity to terrestrial organisms : Remarks: not available

Persistence and degradability

Product:

Biodegradability : Remarks: not available

SAFETY DATA SHEET

EXOLIT AP 740

Page 7

Substance key: SXR111756
Version : 2 - 0 / USA

Revision Date: 05/05/2015
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Bioaccumulative potential

Product:

Bioaccumulation : Remarks: not available

Mobility in soil

Product:

Distribution among environmental compartments : Remarks: not available

Other adverse effects

Product:

Results of PBT and vPvB assessment : Remarks: no data available

Additional ecological information : May contribute to eutrophication in static waters, therefore should not be released into surface waters
The product has not been tested. The information is derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

RCRA - Resource Conservation and Recovery Act : No -- Not as sold.

Waste from residues : Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.

Contaminated packaging : Uncontaminated packaging may be taken for recycling

SECTION 14. TRANSPORT INFORMATION

DOT not restricted
IATA not restricted
IMDG not restricted

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.

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SAFETY DATA SHEET

EXOLIT AP 740

Page 8

Substance key: SXR111756
Version : 2 - 0 / USA

Revision Date: 05/05/2015
Date of printing :08/14/2015

- SARA 311/312 Hazards** : No SARA Hazards
- SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1%.

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

TSCA : On TSCA Inventory

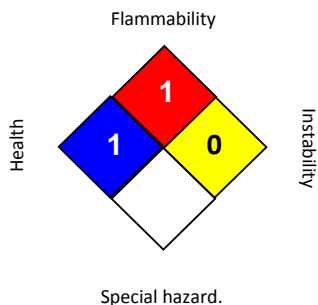
Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

NFPA:



Observe national and local legal requirements
None known.

Revision Date : 05/05/2015

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are

SAFETY DATA SHEET

EXOLIT AP 740

Page 9

Substance key: SXR111756

Revision Date: 05/05/2015

Version : 2 - 0 / USA

Date of printing :08/14/2015

appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.

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