

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

Product Name:	ACCELOTHENE G5
Material-No.:	acelo0004
Product Identification:	Additive Masterbatch.
Chemical Characterization:	Dispersion of pigment(s) and/or additive(s) in PE
Producer/Supplier:	Polymer-Service PSG GmbH Müllerstraße 13 D-21244 Buchholz i. d. N. Germany
E-Mail:	info@polymer-service.de
Phone:	+49 (0) 4181 3703-0 (Monday until Friday 8:00 – 16:30 o' clock)

2. HAZARDS IDENTIFICATION

Hazards Identification:	No particular risks known.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

SVHC:	To this product, NONE of the substances included in the Candidate List under Article 59 (1,10) of the REACH regulation EC No. 1907/2006 were added intentionally in a concentration > 0,1% w/w by the producer.
Content:	Substances presenting a health or environmental hazard: No dangerous components known.

4. FIRST AID MEASURES

Inhalation:	In case of extensive inhalation of smoke, move affected person to fresh air. Seek medical advice at once.
Skin contact:	Cool immediately with cold water. Do not remove melted material from skin, but seek medical advice at once.
Eye contact:	Rinse for several minutes with plenty of water, eyelids open.
Ingestion:	In case of symptoms of illness or pain seek medical help.

5. FIRE-FIGHTING MEASURES

Fire extinguishing media:	
- Suitable media:	Water spray, foam, carbon dioxide (CO ₂), dry powder.
- Unsuitable media:	None.
Fire/explosion risks:	The product is inflammable. In case of fire CO ₂ , CO, hydrocarbon and other toxic vapours/gases are formed.
Special protective equipment:	In the event of smoke, wear self-contained breathing equipment.



accelothene™
additive for polyolefins

Material Safety Data Sheet according to regulation (EC) No.1907/2006

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Version: 1-1 / EN Printing date: 29.05.2015



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6. ACCIDENTAL RELEASE MEASURES

Accidental release measures: Spilt granules are swept up/removed by vacuum-cleaner and disposed of as described in section 13. Spilt granules may cause risk of slipperiness.
The product can be separated mechanically.

7. HANDLING AND STORAGE

Handling: Avoid dust formation. In case of normal handling no protective measures are required.

Storage: Store container tightly closed in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Hygiene: Follow good industrial hygiene practice. Wash hands at the end of work.

Protective Measures: Ensure good ventilation and local exhaust at the processing equipment.

Eye protection: If risk of splashes, wear protective goggles or face protection.

Respiratory protection: If risk of dust exposure, wear respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Granules.

Water solubility: Insoluble.

Odour: None.

Combustibility: Combustible.

Additional information: The product may be statically charged.

10. STABILITY AND REACTIVITY

Stability: Decomposition temperature > 200°C (as product)

Hazardous decomposition products: Thermal decomposition may release low molecular gasses of carbon oxides, CO₂, CO and other toxic vapours/gasses.

11. TOXICOLOGICAL INFORMATION

Intake/inhalation: No particular risks.

Other information: When handled professionally and adequately the product has no health hazardous effect.



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12. ECOLOGICAL INFORMATION

Mobility: The additive is a non volatile macro molecule of limited spreading.

Biodegradability: The additive is hard to decompose.

Ecotoxicity: The additive is not bioaccessible.

Additional information: Release into the environment has to be avoided.
The additive is barely water soluble and may therefore be separated mechanically from water in suitable sewage treatment plants.

13. DISPOSAL CONSIDERATIONS

Disposal: Residual chemical should be disposed of in compliance with local legislation.

14. TRANSPORT INFORMATION

Transport Information: The product is non hazardous goods.

15. REGULATORY INFORMATION

Classification: No classification required.

Additional information: The product is not under obligation of marking as per EU directive 93/21/EEC. The product in the form in which it is marketed does not present any health hazard if inhaled, taken in or in contact with the skin.

16. OTHER INFORMATION

Additional information: The above data are based on our current knowledge, and are intended to describe our product with regard to the requirements of safety. Therefore, the data do not imply any guarantee of the technical properties of the product.

The product is restricted to industrial use.
The product is added to the plastic to achieve the desired effect.

This safety data sheet was formulated in accordance with EU regulation 1907/2006/EC.

Amendments to the latest edition:

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