

SECTION 9: Fysische en chemische eigenschappenSECTION 9: Physical and chemical properties

Physical state	Pasty.
Color	Transparent
Odor	Characteristic.
Odor threshold	Not available.
pH	Not determined.
Melting point	Irrelevant
Initial boiling point and boiling range	Irrelevant
Flash point	Irrelevant
Other flammability	not determined
Vapor pressure	Not available.
Specific gravity	1030 Kg/m3
Relative density	1030 Kg/m3
Bulk density	Not available.
Solubility(present)	Not available.
Partition coefficient	Irrelevant
Self-ignition temperature	Irrelevant
Decomposition temperature	Not available.
Viscosity	>15000 mPa/s(= cPs)
Explosive properties	Irrelevant
Notes	Information provided applies to the product as delivered. Information indicated as "not available" or "not applicable" is not considered relevant to the implementation of appropriate control measures.

9.2. Other information

Refractive index	Irrelevant
Particle size	Not available.
Molecular weight	Irrelevant
Volatility	Not available.
Critical temperature	Not available.
Volatile organic compound	Not determined.

SECTION 10: Stabiliteit en reactiviteit10.1. ReactivityReactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability Stability

Stable at normal ambient temperatures and if used as recommended.

10.3. Possible hazardous reactionsPossibility of hazardous

No potentially hazardous reactions known. Avoid heat.

10.4. Conditions to avoidConditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Chemically interacting materialsMaterials to avoid

Irrelevant

10.6. Hazardous decomposition productsHazardous

Does not decompose during use and when stored as recommended.
When heated, health-damaging fumes/gases may be produced.

SECTION 11: Toxicological information11.1. Information on toxicological effectsToxicological effects

The information below is based on the mixture's calculation method. In addition, some information comes off the individual ingredients in the blend.

Acute toxicity - oralNotes (oral LD50)

Not determined.

Acute toxicity - dermalNotes (dermal LD50)

Not determined.

Acute toxicity - inhalationNotes (inhalation LC50)

Not determined.

Inhalation hazardInhalation hazard

Not determined.

General information

Prolonged and repeated contact over a long period of time may cause health problems.

Inhalation

Vapor from this product may be hazardous if inhaled. Vapors may cause headache, fatigue, dizziness and nausea.

Medical symptoms	Skin irritation, Irritation of eyes and mucous membranes. Gas or vapor in high concentration may irritate respiratory system. Symptoms after high exposure may include the following: Headache. Fatigue. Nausea, vomiting.
Medical considerations	Skin ailments and allergies.

Toxicological information on the ingredients**SECTION 12: Ecological information**

Eco-toxicity	Not environmentally hazardous, but waste disposal in accordance with environmental guidelines. See SECTION 13.1
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12.1. Toxicity

Toxicity	Non-toxic to the environment.
Acute toxicity - fish	Not particularly.
Acute toxicity - aquatic plants	Not particularly.
Acute toxicity - microorganisms	Not particularly.
Acute toxicity - terrestrial	Not particularly.
Chronic toxicity - juvenile	Not particularly.
Short-term toxicity - embryonic or larval stage	Not particularly.

Ecological information about the ingredients

12.2. Persistence and degradability.

Persistence and degradability	There are no known data on the degradability of this product.
Photochemical conversion	Not relevant.
Stability (hydrolysis)	Not particularly.
Biodegradability	Not particularly.
Biological oxygen consumption	Not particularly.
Chemical oxygen consumption	Not particularly.

Ecological information about the ingredients

12.5. Results of PBT and vPvB assessment.

Results of PBT and vPvB assessment.	This product does not contain any substances classified as PBT or vPvB.
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12.6. Other adverse effects

Other adverse effects unknown

Ecological information about the ingredients

Other adverse effects unknown

SECTION 13: Removal instructions13.1. Waste treatment methods

General information Dispose of waste according to local or state regulations.

Disposal methods Dispose of solid waste in accordance with local household waste.

SECTION 14: Information related to transportation

General	Wear protective clothing as described in SECTION 8 of this safety data sheet.
Road transport notes	Prevent discharge to the environment.
Rail transport notes	Prevent discharge to the environment.
Maritime transport notes	Prevent discharge to the environment.
Meets	EMI code EC1 plus, very low emission.



14.1. VN number

According to the requirements of ADR/RID/IMDG/IATA

VN No (ADR/RID)	Irrelevant
VN No (IMDG)	Irrelevant
VN No (ICAO)	Irrelevant

14.2. Proper cargo name according to UN model regulations

Transport name (ADR/RID)	Zettex MS 60 Polymer
Transport name (IMDG)	Zettex MS 60 Polymer
Transport name (ICAO)	Zettex MS 60 Polymer
Transport name (ADN)	Zettex MS 60 Polymer

14.3. Transport hazard class(es)

ADR/RID class	Irrelevant
ADR/RID subsidiary risk	
ADR/RIC label	Irrelevant
IMDG class	Irrelevant
IMDG subsidiary hazard	
ICAO class/subclass	Irrelevant
ICAO subsidiary hazard	
Transport label	
Hazard identification number (ADR/RID)	Irrelevant
Tunnel restriction code	Irrelevant

14.4. Packing group

ADR/RID packing group	Irrelevant
IMDG packing group	Irrelevant
ICAO Packing Group	Irrelevant

14.5. Environmental Hazards

No Environmentally hazardous substance / no marine pollutant

14.6. Special precautions for user

Emergency services N/A	Irrelevant
Emergency response code N/A	Irrelevant

14.7. Transport in bulk according to Annex II to MARPOL 73/78 and the IBC Code

Transport in bulk	Irrelevant
In accordance with Annex II to MARPOL 73/78 and the IBC Code	

SECTION 15: Regelgeving15.1. Safety, health and environmental regulations and legislation specific to the substance or mixture

National regulations	REACH regulation (EC) No. 1907/2006 CLP regulation (EC) No.1272/2008 Chemical (Hazards Information and Packaging For Supply) Regulations 2009 (Chip 4)
EU legislation	Dangerous Substances Directive 67/548/EEC Dangerous Preparations Directive 1999/45/EC. Commission Regulation (EU) No 453/2010 of 20 May 2010.
Guidelines	EH40/2005 Workplace exposure limits. INDG 53 An introduction to CHIP4 L131 Approved Classification and Labeling Guide (Sixth Edition)
Authorizations (Title VII Regulation 1907/2006)	No specific authorizations known for this product.
Restrictions (Title VIII Regulation 1907/2006)	No specific restrictions are known for this product.

15.2. Chemical safety assessment

A chemical safety assessment has been conducted according to EMI Code See SECTION 14.

SECTION 16: Other information

General information	Irrelevant
Date of revision	21-01-2016
Revision	1.2
Date of replacement	10-05-2017
MSDS status hazard statements	Approved Irrelevant

This information relates only to the specific material referred to and need not be valid for use of this material in combination with other substances or in any process. This information is, to the best knowledge and belief of the manufacturer, accurate and reliable for the data included. However, no warranty of accuracy, reliability or completeness is given. It is the responsibility of the user to satisfy himself/herself as to the suitability of the data for his/her particular application.