

VINCENTS POLYLINE LTD

PRODUCT SAFETY DATA SHEET / CHEMICAL SUBSTANCE OR PRODUCT INFORMATION
according to regulations of the European Parliament and the Council (EC) No 830/2015 of 28th May 2015
and No 1907/2006 of 18th December 2006.

Date: 8th June 2016

"WINTERMIX" CONCRETE ANTI-FREEZING ADDITIVE

Version No. 2.0

Print date: 2/18/2019

1. IDENTIFICATION OF SUBSTANCE/MIX AND ENTREPRENEURSHIP/COMPANY

- 1.1. Product identifier:** WINTERMIX
- 1.2. Identified usage purpose of substance or mixture, and non-recommended usage:** Concrete anti-freezing additive
Use according with the manufacturer's manual.
- 1.3. Information of safety data sheet provider**
- 1.3.1. Manufacturer/importer: LTD Vincents Polyline
- 1.3.2. Company registry number: 40003358071
- 1.3.3. Full address: Cīruļu street 29, Kalngale,
Carnikavas reg., LV-2163
- Phone/fax: +371-67903272 / +371-67903370
- e-mail: polyline@polyline.vincents.lv
- Responsible body/Data issuer:
- 1.4. Emergency phone numbers:** Ambulance: 03 or 113
Safety department: 112
Poisoning and medicine information center:
+371-67042473 (works 24/7)

2. HAZARD IDENTIFICATION

2.1. Classification of substance or mixture

According to (EC) Regulation
No 1272/2008:

According to Directive of European Union and local
authorities the product is not classified as harmful

2.2. Label element

GHS pictograms:

Signal word:

Hazard statement:

Precautionary statement:

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Preventive measures: P102 Keep away from children

2.3. Other hazards:

3. COMPOSITION/COMPONENT PART INFORMATION

3.2. Mixtures

Chemical characteristics:	Mixture
Declaration of component parts according to Regulation (EC) No 1272/2008:	Mixture does not hold concentration of hazardous substances that exceed the EU regulation limit.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:	Ensure recirculation of clean air.
Skin contact:	Immediately rinse skin with water and wash with soap.
Eye contact:	Rinse eyes with significant amount of water, if necessary visit a doctor.
Ingestion:	Rinse mouth and drink significant amount of water. Prevent vomiting and immediately contact doctor for help.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms:	Allergic reaction
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4.3. Indication of needed immediate medical attention and special treatment

Treatment:	Proceed with symptomatic treatment (cleansing, restoring normal body function)
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5. FIRE-FIGHTING MEASURES

5.1. Fire-fighting equipment

Appropriate fire-fighting equipment:	Use foam, water stream, CO ₂ , fire extinguishers.
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5.2. Special hazards arising from the substance or mixture

Special hazards during fire: During fire may release poisonous gases, such as carbon monoxide.

5.3. Suggestions to fire-fighters

Special protective equipment: Wear gas mask all time in any kind of conditions.

Additional information: Contaminated water used during fire should be collected avoiding spillage into sewage.

6. IN CASE OF ACCIDENTAL SPILLAGE

6.1. Personal precautions, protective equipment and procedures in emergency situations: Wear protective clothing as specified in point 8.3.

For persons that haven't received training in emergency situations: Do not take any actions without any appropriate training that may cause any personal injury.

Emergency aid personnel: Wear protective equipment. Ensure sufficient ventilation.

6.2. Environmental safety measures: Prevent product spillage in sewage, water systems or soil, and in case of water system contamination reach out to the relevant authorities.

6.3. Methods for containment and cleaning up: Gather larger amounts in containers. Leftovers should be covered and mixed with material that absorbs moisture, then carefully swept up without causing any dust.

6.4. Reference to other sections: Personal protection in section 8. Elimination of substance or packaging in section 13.

7. USE AND STORAGE

7.1. Precautions for safe handling: Information for personnel about hygiene measures of personal protection in section 8.

Advice for safe handling: Use in well ventilated areas. Avoid breathing vapors. In areas where a possible product spillage may occur, hand and eye washing should be possible. Hands should be washed during breaks and after work.

Advice for safety measures to prevent fire and explosion: Keep away from fire and other heat sources. In result of burning or heating there may appear irritating or toxic gases.

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7.2. Safe environment for storage, as well as incompatible type: Store in firmly shut containers located in cool, well ventilated and fire safe areas. Notice markings.

7.3. Specifically intended use for: Do not apply.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters:

Applied occupational exposure limit values: Are not applied to mixture (aqueous solution).

8.2. Exposure control

Appropriate technical control: Provide good ventilation and use personal protection equipment. Check section 7.

Personal protection equipment

Breathing protection: Basic respiratory protection not required. In badly ventilated areas use respirators with appropriate filter.

Skin protection:

Arm protection: Rubber or neoprene gloves.

Body protection: Working clothing.

Eye/face protection: Use safety glasses.

Hygiene measures: Act in accordance with good production hygiene and safety practice. Avoid contact with skin and eyes. Do not eat, drink or smoke during work. Wash contaminated clothes before wearing them again.

Environmental risk assessment: Do not spill product in groundwater or surface waters. Check sections 6. and 12.

9. PHYSICAL AND CHEMICAL CHARACTERISTICS

9.1. Information of basic physical and chemical characteristics

Appearance:

State: Liquid

Color: Colorless

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Smell:	Odorless
Odor threshold:	No information available
pH:	8 - 9
Melting/freezing point:	Not determined
Range of boiling point and boiling temperature:	Not determined
Flash temperature:	Not determined
Evaporation rate:	Not determined
Flammability (other substances, gases)	Not classified Substance's flammability meets the transportation regulations.
Highest/lowest flammability and explosion point:	Not determined
Vapor pressure:	Not determined
Vapor density:	Not determined
Density:	1.2 kg L ⁻¹
Solubility:	Limitless solubility in water.
Partition coefficient (n-octanol/water):	No data available
Self-ignition temperature:	Not determined
Degradation temperature:	Not determined
Viscosity:	Not determined
Explosive hazard:	Not dangerous
Oxidation characteristics	Not determined

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9.2. Other information

Highest possible explosion pressure: Not applicable

Minimal ignition energy: Not determined

10. STABILITY AND REACTIVITY

10.1. Reactivity Under normal circumstances doesn't react

10.2. Chemical stability Under normal circumstances doesn't degrade

10.3. Possibility of dangerous reaction:

10.4. Circumstances, which should be avoided:

10.5. Incompatible material:

10.6. Dangerous products of degradation:

11. TOXICOLOGICAL INFORMATION

11.1. Information of toxicological impact

Acute toxicity: Not determined

Corrosive/Irritant to skin: Not irritant

Causes eye damage/irritation: Not determined

Respiratory or skin sensitization: No proof of respiratory or skin sensitization

Stem cell mutation: No proof of mutagenicity

Carcinogenicity: No proof of carcinogenicity

Toxic impact on specific organ, single exposure: Not determined

Toxic impact on specific organ, repeated exposure: Not determined

Risk of inhalation: Not determined

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12. ENVIRONMENTAL INFORMATION

12.1. Toxicity

Toxicity of water environment: Not determined

12.2. Sustainability and degradation:

Biodegradability: Easily degrades.

12.3. Potential bioaccumulation:

Not present.

12.4. Mobility in soil:

Distribution between environmental sectors: No data available

12.5. PBT and vPvB expertise results

Assessment: This mixture isn't sustainable, bioaccumulative and toxic (PBT).
This mixture isn't very sustainable and very bioaccumulative (vPvB).

12.6. Other negative effect and additional information:

13. CONSIDERATIONS REGARDING MANAGEMENT

13.1. Methods of processing considerations

Products: Eliminate as dangerous waste in accordance with National and Local environmental authority's regulations

Packaging: Do not use repeatedly empty packaging. Discard as specific waste in accordance with Local and National legislation.

14. TRANSPORT INFORMATION

14.1. UN number: Not classified

14.2. UN shipping name: Not classified

14.3. Transport hazard class(-es): Not classified

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14.4. Packaging group:	Not classified
14.5. Environment risks:	Not available
14.6. Special precautions for user:	Not necessary
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:	Not applicable
14.8. Other information:	In accordance with international transport regulations (ADR – road transport, IMDG – sea transport and IATA – air transport) product does not identify as dangerous good

15. LEGISLATION INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for substances or mixtures:	<p>Safety data sheet was drawn up in accordance with Regulations of Commission (EC) No 830/2015.</p> <p>Marking and classification was developed in accordance with Regulations of European Parliament and of the Council (EC) No 1272/2008 (16th December 2008) and No 1907/2006 (REACH) for substance and mixture classification, marking and packaging. Regulations of European Parliament and of the Council (EC) No 528/2012 (22nd May 2012) for introducing biocidal products in market and usage, which is in accordance to Regulation of the Cabinet of Ministers No 628 (27th August 2013) "Requirements in accordance of biocidal product usage".</p> <p>In Latvia hazardous waste management is carried out in accordance with rule (28.10.2010) "Waste management rule" and rule (16.12.2010) "Revisions in waste management legislation", Regulation of the Cabinet of Ministers No 484 (21st June 2011) "Hazardous waste inventory, identification, storage, packaging, marking and transportation record order" and No 795 (22nd December 2015) "Chemical substance and mixture inventory order and database" and rule No 302 (19.04.2011.) "Legislation for waste classification and characteristics, which define hazardous waste".</p> <p>Transportation information drawn up in accordance to UN Europe-wide agreement for international transportation of hazardous goods with road vehicles applicable as from 01.01.2011, in accordance with Convention of International Carriage by Rail Appendix B to Annex 1. (in effect from 01.01.2011)</p> <p>During compilation of information was taken in account Regulations of the Cabinet of Ministers No 325 (15th May</p>
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2007) "Work safety requirements working with chemicals in workplace", Regulation (EC) No 2009/161, that allows establishing a third list of indicative occupational exposure limit values, that amends Directive of Commission 200/39/EC, Council Directive 98/24/EC (7th April 1998) "Protection of the health and safety of workers from the risks related to usage of chemical agents in workplace". Regulation (EC) No 2037/2000 for substances that deplete ozone layer, Regulation (EC) No. 850/2004 "Persistent organic pollutants".

15.2. Evaluation of chemical safety: Safety evaluation is applicable, if available.

16. OTHER INFORMATION

16.1. Not otherwise specified substance hazards:

Warning phrase explanations (check sections 2. and 3.)

Hazard class explanations (check sections 2. and 3.)

Acronyms: 67/548/EEC = Directive of Hazardous Substances. 1999/45/EC = Directive of Dangerous Preparations. EC Regulation No 1272/2008 = Regulation for substance and mixture classification, marking and packaging. IATA = International Air Transport Association. IMDG = International Maritime Dangerous Goods Code. RID = agreement for carriage of dangerous goods by rail. ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road. TWA = time-weighted average. STEL = short-term exposure limit values.

AER – Exposure action rate, 8h; LC₅₀ – Median lethal concentration; LD₅₀ – Median lethal dose, EC₅₀ – Median effective concentration, vPvB – very persistent and very bioaccumulative; PBT – persistent, bioaccumulative and toxic.

The provide information in this safety data sheet represents all available information at the time of publication.

The available information is brought only to ensure safety measures, product use, recycling, storage, transportation and utilization, it is not a quality guarantee or quality certificate for the previously mentioned product processes, as they are not under our supervision. Information reflects only the mentioned product, under no circumstances it would reflect the product when used with different material.