



# Safety Data Sheet: Wilforlide A

## Section 1. Identification of the substance/mixture and of the Company

### Product identifiers

Product name	<b>Wilforlide A</b>	Formula	<b>C<sub>30</sub>H<sub>46</sub>O<sub>3</sub></b>
Product Code	<b>WFA</b>	RTECS	<b>N.A.</b>
CAS #	<b>84104-71-2</b>	Molecular weight	<b>454.7</b>
EC Number #	<b>N.A.</b>		

### Intended uses of the substance or mixture and uses advised against

Intended use	Uses advised against:
<b>Only for Research and/or Development. To be used by qualified scientists only.</b>	Not for drug, Not to be used in humans or animals. Not food additive

### Details of the supplier of the safety data sheet

**FERMENTEK Ltd**  
4 Yatziv street, POB 47120  
Jerusalem 97800,  
Israel

Tel: +972 2 5853953  
Fax: +972 2 5853943  
eMail: fermentek@fermentek.com  
Website: www.fermentek.com

### Emergency Telephone number

For chemical emergency spill, leak, fire, exposure, or accident calls CHEMTREC day or night:  
Within USA and Canada: 1-800-424-9300. Outside USA and Canada: +1 703-527-3887

This company is the manufacturer of the product, and the supplier of the safety data sheet

**Reach: Pre-registered; 84104-71-2**

## Section 2. Hazards identification

### Classification of the substance or mixture

This mixture is classified as NOT hazardous according to regulation (EC) 1272/2008 [GHS]

### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

This chemical is NOT considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### GHS Label elements, including precautionary statements

Pictogram: {None} Signal word: {None}

<b>Hazard statements</b>	Not applicale
<b>Precautionary statements</b>	Not applicale

## Section 3. Composition/information on ingredients

<b>Substance</b>	
Substance name:	<b>Wilforlide A</b>
	CAS Registry #: <b>84104-71-2</b> EC#: <b>N.A.</b>
	Molecular Formula: <b>C<sub>30</sub>H<sub>46</sub>O<sub>3</sub></b> ; Molecular weight: <b>454.7</b>
	Concentration: ≤ 100%
<b>Mixture</b>	Not mixture.

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## Section 4. *First Aid Measures*

### Description of First Aid Measures

<b>General advice:</b>	Consult a physician if necessary. Show this safety data sheet to the doctor in attendance
<b>Eye contact:</b>	Flush with plenty of water.
<b>Skin Contact:</b>	Wash off with soap and water while removing all contaminated clothes and shoes. Take victim immediately to hospital. Consult a physician.
<b>Ingestion:</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Clean mouth with water and drink afterwards plenty of water.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing or breathing is difficult, give artificial respiration. Consult a physician.
<b>Self-protection of the first aider:</b>	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
<b>Note to physicians:</b>	Treat symptomatically

## Section 5. *Fire-fighting measures*

### Extinguishing media

<b>Suitable extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Unsuitable extinguishing media</b>	None
<b>Hazardous combustion products</b>	Carbon oxides.
<b>Advice for firefighters</b>	As in any fire, wear self-contained breathing apparatus for fire fighting. Wear protective suit.

## Section 6. *Accidental release measures*

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.
<b>For emergency responders</b>	Use personal protection recommended in Section 8
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### Methods and material for containment and cleaning up

<b>Methods for containment:</b>	Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.
<b>Methods for cleaning up:</b>	Cover liquid spill with sand, earth or other non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, and vermiculite). Cover powder spill with plastic sheet or tarp to minimize spreading. Sweep up and shovel into suitable containers for disposal.

## Section 7. *Handling and storage*

### Precautions for safe handling

<b>Advice on safe handling:</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.
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### Conditions for safe storage, including any incompatibilities

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<b>Storage Conditions:</b>	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Store at -20 °C, Protect from sunlight. Protect from moisture
<b>Incompatible materials:</b>	None known based on information available.

## Section 8. Exposure Controls/Personal Protection

No occupational exposure limits are listed for this material.

<b>Exposure Limits:</b>	None known, based on information available. OSHA Permissible Exposure Limits      No Data Available NIOSH Recommended Exposure Limits      No Data Available ACGIH Threshold Limit Values              No Data Available
<b>Exposure controls</b>	
<b>Engineering Controls</b>	Showers, Eyewash stations, Ventilation systems
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>[PPE=Personal Protection Equipment]</b>	The employer/end user, prior to use of this product should perform all recommendations below are advisory in nature and a risk assessment. The type of protective equipment must be selected based on the amount and concentration of the dangerous material being used in the workplace
<b>PPE Eye/face protection</b>	Wear safety glasses with side shields (or goggles). Optional face mask.
<b>PPE Skin and Body Protection</b>	Wear protective gloves and protective clothing.
<b>PPE Respiratory Protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

## Section 9. Physical and chemical properties

### Physical / chemical properties

Physical State at room temperature	Solid / powder
Color	White to offwhite powder
Melting/freezing point	318°C

**No further safety relevant data are available**

## Section 10. Stability and reactivity

Melting/freezing point	
<b>Reactivity:</b>	No information available.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, flames and sparks. Sunlight.
<b>Incompatible materials</b>	Strong reducers and oxidizers
<b>Possibility of Hazardous Reactions</b>	None under normal processing
<b>Hazardous decomposition products:</b>	Carbon oxides.

## Section 11. Toxicological information

### Information on toxicological effects

**The toxicological effects of this product have not been thoroughly studied.**

<b>Acute Toxicity</b>	
<b>Ingestion</b>	No data available
<b>Inhalation</b>	No data available

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<b>Serious eye damage/eye irritation:</b>	No data available
<b>Skin corrosion/irritation:</b>	No data available
<b>Respiratory or skin sensitization:</b>	No data available
<b>Germ cell mutagenicity:</b>	No data available
<b>Reproductive toxicity / Teratogenicity:</b>	No data available
<b>Aspiration hazard:</b>	No data available
<b>Additional information:</b>	RTECS: <b>N.A.</b>

## Section 12. Ecological Information

<b>Eco-Toxicity</b>	May cause long lasting harmful effects to aquatic life.
<b>Other adverse effects</b>	No further relevant information available.
<b>Persistence and degradability</b>	No information available
<b>Bioaccumulation</b>	No information available
<b>Mobility in soil</b>	No information available
<b>PBT and vPvB assessment</b>	No information available

## Section 13. Disposal Considerations

<b>Waste treatment methods</b>	
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations
<b>Contaminated packaging</b>	Dispose of as unused product Do not reuse container.

## Section 14. Transport information

### UN number, Proper Shipping Name, Transport Hazard Class, packing group

	US DOT	ADR/RID:	IMDG:	IATA
<b>UN Number</b>	<i>Not regulated</i>	<i>Not regulated</i>	<i>Not regulated</i>	<i>Not regulated</i>
<b>UN proper shipping name</b>	<i>Not regulated</i>	<i>Not regulated</i>	<i>Not regulated</i>	<i>Not regulated</i>
<b>Transport Hazard Class &amp; Packing Group</b>	<i>Not regulated</i>	<i>Not regulated</i>	<i>Not regulated</i>	<i>Not regulated</i>

## Section 15. Regulatory information

<b>Safety, health and environmental regulations/legislation</b>	
<b>USA EPA / TSCA</b>	This product is not listed on the USA EPA TSCA
<b>EU ECHA Status</b>	This product is NOT registered with the EU ECHA.
<b>CA: DSL/NDSL Status</b>	This product is not listed on the Canadian DSL/NDSL

## Section 16. Other information

**Date of revision: 30-June-2019**

### Disclaimer

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 here is designed only as 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.

End of SDS

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