

# SAFETY DATA SHEET

According to Title 29 of US Code of Federal Regulations 1910.1200.



## 106114 GLOBALIDE®

Version 3.0

Print Date: 05/01/2019

Revision Date: 04/30/2019

### SECTION 1. IDENTIFICATION

Product name : GLOBALIDE®  
000000000000106114  
Product code : 106114

#### Manufacturer or supplier's details

Company name of supplier : Symrise , Inc.  
Address : 300 North Street  
Teterboro NJ 07608  
Telephone : (201) 288-3200  
Telefax : (201) 288-0843  
E-mail address : msds-us@symrise.com  
Emergency telephone number : +1-800-535-5053 (ID# 101844)  
+1-352-323-3500 (Outside US)

#### Recommended use of the chemical and restrictions on use

Recommended use : Fragrances

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

**Not a hazardous substance or mixture.**

#### GHS label elements

Not a hazardous substance or mixture.

#### Hazards Not Otherwise Classified (HNOC)

None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name : Oxacyclohexadec-12-en-2-one, (12E)-  
CAS-No. : 111879-80-2  
Molecular formula : C15-H26-O2

### SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.

In case of eye contact : Remove contact lenses.  
If eye irritation persists, consult a specialist.

If swallowed : Do not give milk or alcoholic beverages.  
If symptoms persist, call a physician.

### SECTION 5. FIREFIGHTING MEASURES

# SAFETY DATA SHEET

According to Title 29 of US Code of Federal Regulations 1910.1200.



## 106114 GLOBALIDE®

Version 3.0

Print Date: 05/01/2019

Revision Date: 04/30/2019

- |   |   |   |
|---|---|---|
| Suitable extinguishing media                  | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.                                |
| Specific hazards during firefighting          | : | Do not allow run-off from fire fighting to enter drains or water courses.                               |
| Specific extinguishing methods                | : |   |
|   |   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Further information                           | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.      |
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary.                                  |

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |   |   |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Ensure adequate ventilation.  |
| Environmental precautions   | : | Try to prevent the material from entering drains or water courses.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up               | : | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  |

### SECTION 7. HANDLING AND STORAGE

- |                             |   |   |
|-----------------------------|---|---|
| Advice on safe handling     | : | Use only with adequate ventilation.<br>Do not breathe vapours/dust.<br>For industrial use only.<br>Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.<br>Take care to avoid waste and spillage when weighing, loading and mixing the product. |
| Conditions for safe storage | : | Keep containers tightly closed in a dry, cool and well-ventilated place.  |

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

# SAFETY DATA SHEET

According to Title 29 of US Code of Federal Regulations 1910.1200.



## 106114 GLOBALIDE®

Version 3.0

Print Date: 05/01/2019

Revision Date: 04/30/2019

### Personal protective equipment

- Respiratory protection : In the absence of adequate ventilation, a respirator, appropriate for the specific workplace conditions, is recommended.
- Eye protection : Wear chemical resistant goggles and/or face shield.
- Skin and body protection : Wear suitable gloves.
- Protective measures : Engineering controls providing adequate ventilation (such as hoods, point source or whole room ventilation systems for liquids and dust collection systems for dusts) are recommended as the primary method to minimize workplace exposure. When adequate ventilation cannot be achieved, the use of an appropriate respiratory protection device is recommended.  
Established TLV/ TWA or PEL values should be used when possible.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : clear liquid  
Colour : colorless to light yellow  
Odour : characteristic
- Melting point/range : -46 °C  
(1,013 hPa)  
Method: OECD Test Guideline 102  
GLP: yes
- Boiling point/boiling range : 333 °C  
(1,013 hPa)  
Method: OECD Test Guideline 103  
GLP: yes
- Flash point : > 212 °F / > 100 °C
- Vapour pressure : 0.000 hPa (20 °C) / 0.000 mmHg (20 °C)  
Method: OECD Test Guideline 104  
GLP: yes  
  
0.000 hPa (25 °C) / 0.001 mmHg (25 °C)  
Method: OECD Test Guideline 104

# SAFETY DATA SHEET

According to Title 29 of US Code of Federal Regulations 1910.1200.



## 106114 GLOBALIDE®

Version 3.0

Print Date: 05/01/2019

Revision Date: 04/30/2019

	GLP: yes
	0.016 hPa (50 °C) / 0.012 mmHg (50 °C) Method: OECD Test Guideline 104 GLP: yes
Relative density	: 0.9600 - 0.9690 (20 °C) relation to density of water at 4°C
Solubility(ies) Water solubility	: 0.969 mg/l immiscible (20 °C) pH: 7.01 Method: OECD Test Guideline 105 GLP: yes
Partition coefficient: n-octanol/water	: log Pow: 5.45 (25 °C) pH: 6.9 Method: OECD 117 GLP: yes
Surface tension	: 64.1 mN/m, 20 °C, GLP: yes
Molecular weight	: 238.37 g/mol

### SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: Stable under recommended storage conditions.  None known.
Conditions to avoid	: No data available

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Ingestion  
Inhalation  
Eye contact  
Skin contact

#### Acute toxicity

Acute oral toxicity	: LD50 (Rat, male and female): > 2,000 mg/kg Method: OECD 423 GLP: yes
Acute dermal toxicity	: LD50 (Rat, male and female): > 2,000 mg/kg Method: OECD Test Guideline 402

# SAFETY DATA SHEET

According to Title 29 of US Code of Federal Regulations 1910.1200.



## 106114 GLOBALIDE®

Version 3.0

Print Date: 05/01/2019

Revision Date: 04/30/2019

GLP: yes

### Skin corrosion/irritation

Species: Rabbit  
Exposure time: 4 h  
Method: OECD Test Guideline 404  
Result: Mild skin irritation  
Concentration: 100 %  
GLP: yes

### Serious eye damage/eye irritation

Species: Rabbit  
Result: No eye irritation  
Concentration: 100 %  
Method: OECD Test Guideline 405  
GLP: yes

### Respiratory or skin sensitisation

Test Type: Maximisation Test  
Species: Guinea pig  
Assessment: Does not cause skin sensitisation.  
Method: OECD Test Guideline 406  
Result: No sensitizing effect.  
Concentration: 100 %  
GLP: yes

Test Type: HRIPT  
Species: Humans  
Result: No sensitizing effect.  
Concentration: 15 %

### Germ cell mutagenicity

Genotoxicity in vitro

- : Test Type: Ames test  
Metabolic activation: with and without metabolic activation  
Method: OECD 471  
Result: negative  
GLP: yes
- : Test Type: In vitro Mammalian Chromosome Aberration Test  
Test species: Human lymphocytes  
Metabolic activation: with and without metabolic activation  
Method: OECD 473  
Result: negative  
GLP: yes
- : Test Type: In vitro Mammalian Cell Gene Mutation Test  
Test species: mouse lymphoma L5178Y cells  
Metabolic activation: with and without metabolic activation  
Method: OECD 476  
Result: negative

# SAFETY DATA SHEET

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## 106114 GLOBALIDE®

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### Carcinogenicity

#### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

#### NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Reproductive toxicity

No data available

#### STOT - single exposure

No data available

#### STOT - repeated exposure

No data available

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): > 0.8 mg/l  
Exposure time: 96 h  
Test Type: flow-through test  
Method: OECD Test Guideline 203  
GLP: yes  
Remarks: No effect in the area of water solubility of the substance
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 0.96 mg/l  
Exposure time: 48 h  
Test Type: semi-static test  
Method: OECD Test Guideline 202  
GLP: yes  
Remarks: No effect in the area of water solubility of the substance
- Toxicity to algae : ErC50 (Desmodesmus subspicatus (green algae)): 5.17 mg/l  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes  
Remarks: No toxicity at the limit of solubility
- Toxicity to fish (Chronic toxicity) : NOEC (Pimephales promelas (fathead minnow)): 0.027 mg/l  
Exposure time: 33 d  
Method: OECD 210

# SAFETY DATA SHEET

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## 106114 GLOBALIDE®

Version 3.0

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Revision Date: 04/30/2019

GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)):  $\geq 0.039$  mg/l  
Exposure time: 21 d  
End point: Immobilization  
Method: OECD 211  
GLP: yes

Toxicity to bacteria : EC50 (Activated sludge):  $> 100$  mg/l  
Exposure time: 3 h  
Method: OECD 209  
GLP: yes

### Persistence and degradability

Biodegradability : Test Type: Manometric respiration test  
Result: Readily biodegradable.  
Biodegradation: 97 %  
Exposure time: 28 d  
Method: OECD 301F  
GLP: yes

### Bioaccumulative potential

No data available

### Mobility in soil

Distribution among environmental compartments : Adsorption/Soil  
log K<sub>oc</sub>: 4.65  
Method: OECD 121

### Other adverse effects

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Additional ecological information : Toxic to aquatic life with long lasting effects.  
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with local regulations.  
Observe, local, state and federal regulations.  
Do not dispose of waste into sewer.  
Discharge into the environment must be avoided.  
Send to a licensed waste management company.

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Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not re-use empty containers.  
Where possible recycling is preferred to disposal or incineration.

### SECTION 14. TRANSPORT INFORMATION

**49CFR Road 0 – 25 kg** Not classified as dangerous in the meaning of transport regulations.

**49CFR Road 25 – 400 kg** Not classified as dangerous in the meaning of transport regulations.

**49CFR Road > 400 kg** Not classified as dangerous in the meaning of transport regulations.

#### IMDG

UN Number : 3082  
Description of the goods : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (OXACYCLOHEXADEC-12-EN-2-ONE, (12E)-, PENTADECAN-15-OLIDE) MP,9,PGIII

Class : 9  
Packaging group : III  
ADR/RID-Labels : 9  
EmS Number 1 : F-A  
EmS Number 2 : S-F  
Marine pollutant : yes

#### IATA-DGR

UN Number : 3082  
Description of the goods : Environmentally hazardous substance, liquid, n.o.s. (OXACYCLOHEXADEC-12-EN-2-ONE, (12E)-)

Class : 9  
Packaging group : III  
Cargo \ Packing Instruction : 964  
Qty / Pkg. : 450.00 L  
Passenger\Packing : 964  
Instruction Qty / Pkg. : 450.00 L

### SECTION 15. REGULATORY INFORMATION

#### TSCA list

TSCA - 12(b) Export Notification List of Chemicals : Not listed  
TSCA - 5(a) Significant New Use Rule List of Chemicals : Not listed

#### CERCLA Reportable Quantity

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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.

**SARA 311/312 Hazards** : No SARA Hazards

**SARA 302** : This material does not contain any components with a SARA 302 RQ.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### **New Jersey Right To Know**

Not listed

**California Prop 65** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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## SECTION 16. OTHER INFORMATION

Revision Date : 04/30/2019

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 is designed only as a 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.