

# Safety Data Sheet:

According to EC Regulation 1907/2006/EC - revision 2015/830

Print Date 03/19/2018

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Revision date 30/05/2017

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1. Product identifier

Product Name RELEASE IT  
Product Code EP\_0349G X1 (CLP)

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Recommended use

Release agent.

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

NCH France SAS  
10 place Fulgence Bienvenue,  
F – 77600 BUSSY Saint Georges  
Tél. : 01 64 44 51 63  
E-mail address : fratech@nch.com  
Website address : www.nch.com

### 1.4. Emergency telephone number

+ 33 (0)1.64.44.51.60 (during office time) - Numéro ORFILA (INRS) : + 33 (0)1 45 42 59 59

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 (CLP/GHS) and its adaptations

Skin irritation: Category 2  
Serious damage to eyes: Category 1  
H315 - Causes skin irritation  
H318 - Causes serious eye damage

### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)

Contains ALCOHOLS, C9-11-ISO-, C10-RICH, ETHOXYLATED & ISODECANOLETHOXYLATE (7EO).

#### Hazard pictograms



**Signal Word** Danger

#### **Hazard Statements**

H315 - Causes skin irritation  
H318 - Causes serious eye damage

#### **Precautionary Statements**

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P310 - Immediately call a POISON CENTER or doctor  
P280 - Wear protective gloves/protective clothing/eye protection.  
For industrial and institutional use only.  
Keep out of reach of children.

### 2.3. Other hazards

No additional hazards identified.

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

### SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS

#### 3.2. Mixture

Chemical Name	CAS No.	EC No.	EU - REACH Reg Number	Weight %	EU - GHS/CLP	Notes
ALCOHOLS, C9-11-ISO-, C10-RICH, ETHOXYLATED	78330-20-8	616-607-4	.	3 - < 5	Eye Dam. 1 (H318)	
OXIRANE METHYL-, POLYMER WITH OXIRANE, MONOBUTYL ETHER	9038-95-3		-	1 - < 3	Acute Tox. 3 (H331)	
ISODECANOLETHOXYLATE (7EO)	61827-42-7		-	1 - < 3	Acute Tox. 4 (H302) Eye Dam. 1 (H318)	
2,2-(9-OCTADECENYLIMINO) BIS-ETHANOL	25307-17-9	246-807-3	01-21195108 76-35	1 - < 3	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Aquatic Acute 1 (H400)	

For any H statements mentioned in this section, see the full text in section 16.

### SECTION 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

General advice

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

Skin Contact

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

Ingestion

Rinse mouth with water. Do NOT induce vomiting. If swallowed, seek medical advice and show the container or label.

Inhalation

If exposed to high concentrations of the vapours / mists, move to fresh air.

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

Sensitization

No information available.

Eye contact

May cause burns which could lead to permanent eye damage.

Skin contact

May cause irritation as itching or redness.

Inhalation

Inhalation of mists may result in irritation to the respiratory tract.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician

Causes eye burns.

### SECTION 5. FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use: Water spray. Foam. Carbon dioxide (CO2). Dry powder.

## 5.2. Special hazards arising from the substance or mixture

When exposed to high temperatures, the mixture may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide. Silicon oxides.

Material can create slippery conditions.

## 5.3. Advice for firefighters

Firefighters should wear a self-contained breathing apparatus and full protective gear.

# SECTION 6. ACCIDENTAL RELEASE MEASURES

## 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions. Ventilate the area.

## 6.2. Environmental precautions

Avoid release of neat product into surface water and sanitary sewage system.

## 6.3. Methods and material for containment and cleaning up

### Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

### Methods for Cleaning up

Clean preferably with a detergent, do not use solvents.

## 6.4. Reference to other sections

Refer to sections 7, 8 and 13.

# SECTION 7. HANDLING AND STORAGE

## 7.1. Precautions for safe handling

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

## 7.2. Conditions for safe storage, including any incompatibilities

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

## 7.3. Specific end use(s)

No information available.

# SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

### Exposure limits

The product does not contain any hazardous materials with occupational exposure limits established.

## 8.2. Exposure controls

### Control parameters

Provide an eyewash station. Provide washing facilities.

### Engineering Measures

Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

Use personal protection equipment as per Directive 89/686/EEC.

### Respiratory Protection

None required under normal conditions of use. In case of insufficient ventilation wear suitable respiratory equipment. Conforming to EN 143 eg P2 / P3 Particle filters.

### Hand Protection

Long term use eg: continuous wear or immersion;. Wear suitable protective gloves conforming to EN 374. Type of gloves

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suggested :. Nitrile rubber (0.4 mm). PVC (0.7mm). Neoprene gloves (0.4mm). Minimum breakthrough time of the glove material (protective index 4, breakthrough time: >120 min). Suitability and durability of a glove is dependent upon usage factors such as frequency, duration of use, temperature and chemical resistance. The use of a chemical-protective glove may in practice be much shorter than the permeation time determined through testing. For break through times, refer to glove manufacturers recommendations.

Eye Protection

Safety glasses with side-shields. Approved to EN 166. For large volumes, faceshields should be used.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

Information below relates to typical values and does not constitute a specification.

<b>Appearance</b>	Off-white	<b>Specific Gravity</b>	1
<b>Physical state</b>	Liquid	<b>Solubility</b>	Soluble in water
<b>Odor</b>	Slight	<b>Autoignition Temperature</b>	No information available.
<b>pH</b>	6	<b>Viscosity</b>	No information available
<b>Melting Point/Range</b>	-2 °C	<b>Explosive properties</b>	No information available
<b>Boiling Point/Range</b>	No information available.	<b>Oxidizing Properties</b>	No information available
<b>Flash Point</b>	Not relevant	<b>VOC Content (%)</b>	0 %
<b>Evaporation Rate</b>	No information available		
<b>Flammability Limits in Air %:</b>	No information available		
<b>Vapor Pressure</b>	No information available		
<b>Vapor Density</b>	No information available		

**9.2. Other information**

No other information available

**SECTION 10. STABILITY AND REACTIVITY**

**10.1. Reactivity**

Not considered as highly reactive. See further information below.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

The mixture itself will not dangerously react or polymerise to create hazardous conditions in normal use.

**10.4. Conditions to avoid**

No conditions to be specially mentioned.

**10.5. Incompatible materials**

No materials to be specially mentioned.

**10.6. Hazardous decomposition products**

None under normal storage conditions and use.

When exposed to high temperatures, the mixture may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide. Silicon oxides.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

Product Information

The product itself has not been tested.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
OXIRANE METHYL-, POLYMER WITH OXIRANE, MONOBUTYL ETHER		= 14100 µL/kg ( Rabbit )	= 147 mg/m <sup>3</sup> ( Rat ) 4 h

Acute Toxicity Estimate

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ATEmix (inhal.) = 50 mg/L/4h

Sensitization

No information available.

Skin contact

May cause irritation as itching or redness.

Inhalation

Inhalation of mists may result in irritation to the respiratory tract.

Eye contact

May cause burns which could lead to permanent eye damage.

Carcinogenicity

There are no known carcinogenic substances in this product.

Mutagenic Effects

There are no known mutagenic substances in this product.

Reproductive Effects

There are no known substances in this product with effects on reproduction.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product Information

The product itself has not been tested.

### Ecotoxicity effects

Contains substance(s) known to be hazardous to the aquatic environment.

### 12.2. Persistence and degradability

Persistence and degradability are substance specific, no test data is available on the constituents of this mixture to degrade or persist in the environment, either through biodegradation or other processes, such as oxidation or hydrolysis.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

Soluble in water.

### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

### 12.6. Other adverse effects

No data available.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Waste from Residues / Unused Products

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal. Empty remaining contents. Recycle according to official regulations.

EWC waste disposal No

The following EWC/ AVV waste codes may be applicable:

07 07 01\* aqueous washing liquids and mother liquors

Other Information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

## SECTION 14. TRANSPORT INFORMATION

### 14.1, 14.2, 14.3, 14.4.

Not classified for transport as dangerous goods

### 14.5. Environmental hazards

The mixture is not environmentally hazardous for transport.

### 14.6. Special precautions for user

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No special precautions.

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Packaged product, not typically transported in IBC's.

**Additional information**

The above information is based on latest transport regulations i.e. ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

## SECTION 15. REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This mixture was classified in compliance with EC Regulation 1272/2008 (CLP) and its adaptations.

WGK Classification

Water-endangering (WGK 2), Classification according AwSV-Verordnung

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out for this mixture by the supplier

## SECTION 16. OTHER INFORMATION

**Text of H statements mentioned in Section 3**

H318 - Causes serious eye damage. H331 - Toxic if inhaled. H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage. H400 - Very toxic to aquatic life.

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]**

Calculation method. H315 - Causes skin irritation. H318 - Causes serious eye damage.

**Prepared By** Austen Pimm

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**Revision summary**

CLP update. SDS sections updated 3 2 15 16

**Abbreviations**

REACH: Registration Evaluation Authorisation Restriction of Chemicals

EU: European Union

EC: European community

EEC: European Economic Community

UN: United Nations

CAS: Chemical Abstracts Service

PBT: Persistent Bioaccumulative Toxic

vPvB: very Persistent very Bioaccumulative

LC50: Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

LogPow: LogP octanol/water

VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe (Administrative order relating to substances hazardous to water - Germany)

WGK: Wassergefährdungsklasse (Water Hazard Class - Germany).

AVV: Abfallverzeichnis-Verordnung (Waste Code - Germany)

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European agreement governing the international carriage of dangerous goods by road)

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International carriage of Dangerous goods by rail)

EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods

ERG: Emergency Response Guidebook

IUCLID / RTECS International Uniform Chemical Information Database / Registry of Toxic Effects of Chemical Substances

GHS: Globally Harmonised System of classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

VOC: Volatile Organic Chemical

w/w: weight for weight

DMSO: Dimethyl sulphoxide

OECD: Organization for Economic Cooperation and Development

STEL: Short Term Exposure Limit

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TWA: Time Weighted Average

**Further Information**

Component test results displayed in sections 11 and 12 are typically supplied by Chemadvisor and assembled from publicly available literature sources e.g. IUCLID / RTECS.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

**Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**