

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product trade name : KRONOPASS 2037S

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

Intended uses : Industrial pickling
 Uses advised against : All other applications except: Acid pickling

1.3. Details of the supplier of the safety data sheet

Paint Trade LLC
 Ukraine, Dnipro, Startova Str.3
 phone: +38 (056) 375-70-25
 fax: +38 (056) 375-70-30
 info@silta.ua, www.silta.ua

1.4. Emergency telephone number

: +38(056)375-70-25

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Serious eye damage/eye irritation Category 1 - (H318)

Classification procedure: Calculation method

2.2. Label elements

Label elements :



Signal Word

Contains 2-Propyn-1-ol, compd. with 2-methyloxirane
 DANGER

Hazard Statement

H318 - Causes serious eye damage

Precautionary statements

P280 - Wear eye protection/ face protection
 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/physician

2.3. Other hazards

No other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. Product is mixture

3.2. Mixture

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

Chemical name	EC No	Index.No	REACH Registration No	Weighth %	Classification according to Regulation (EC) No 1272/2008 (CLP)
2-Propyn-1-ol, compd. with 2-methyloxirane 38172-91-7	609-530-2	01-21199762 91-33		5 - 10	Eye Dam. 1 (H318) Acute Tox. 4 (H302)

Full text of H- and EUH-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General notes	First aid may be given by the first person 'on the spot'. However, it is generally known that a first aider a person is with first aid training. First aiders should be familiar with the specific conditions and hazards at the workplace. Show this safety data sheet to the doctor in attendance.
Following inhalation:	: Not hazardous by inhalation
Following skin contact:	: Not hazardous by skin contact.
Following eye contact:	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Following ingestion	: Rinse mouth
Self-protection of the first aider	First aider needs to protect himself.

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

Following inhalation:	: None
Following skin contact	: None.
Following eye contact:	: Acute: Redness, Burns, Pain, Impaired vision. Delayed: Redness, Burns, Pain, Impaired vision.
Following ingestion:	None

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

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:	: Dry chemicals, foam or carbon dioxide, water or water-based foam can also be used
Unsuitable extinguishing media:	High volume water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	: Not applicable - boils at 100°C (product contains water)
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5.3. Advice for firefighters Standard procedure for chemical fire

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment:	: Use suitable protective equipment (see also section 8) to prevent any contamination of skin, eyes and personal clothing.
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6.1.2. For emergency responders

Protective equipment	Use suitable protective equipment (see also section 8) to prevent any contamination of skin, eyes and personal clothing.
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6.2. Environmental precautions Do not flush into surface water or sanitary sewer system

6.3. Methods and material for containment and cleaning up

For containment:	: Covering of the drains.
For cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) Clear spills immediately

6.4. Reference to other sections

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling : Always keep ignition sources and product separated. Use a fire suppression system which is suitable for the facility and the potential hazards.
 Provide sufficient air exchange and/or exhaust in work rooms.
 Do not flush into surface water or sanitary sewer system
 Wash hands thoroughly after handling

7.2. Conditions for safe storage, including any incompatibilities

Storage at 5 - 40 °C :
 Keep from freezing.
 Store in original package or in dedicated storage tank
 Store in accordance with local and national regulations
 Storage class: 10 (D: TRGS 510)

7.3. Specific end use(s)Информация отсутствует

Recommendations See our technical data sheet
 Concentration to be used See technical data sheet
 Industrial sector specific solutions: See our technical data sheet.
 Exposure scenario(s): Exposure scenario is not yet available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

2-Propyn-1-ol, compd. with 2-methyloxirane	
EU - Occupational Exposure (2000/ 39/ EC) - First List of Indicative Occupational Exposure Limit Values - TWAs	Not listed
EU - Occupational Exposure (2000/ 39/ EC) - First List of Indicative Occupational Exposure Limit Values - STELs	Not listed

8.2. Exposure controls

Eye and face protection Not needed for normal use. Anyway, operate according good working practices.
 Protection for skin : Long sleeved clothing
 Protection for hands : The use of chemical resistant gloves is recommended
 Respiratory protection : Ensure adequate ventilation, especially in confined areas
 Thermal hazards Product represents no thermal hazards
 Environmental exposure controls Do not flush into surface water or sanitary sewer system

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical propertie

Appearance : Light yellow liquid
 Odour : Characteristic
 Odour threshold : Mild odour
 pH : 9
 Melting point / freezing point (°C) : No data available
 Initial boiling point and boiling range (°C) : 100
 Flash point (°C) : Not applicable - boils at 100°C (product contains water)
 Evaporarion rate (BuAc =1) : No data available
 Flammability (solid, gas) : Not flammable
 Upper/lower flammability or explosive limits : No data available
 Vapour pressure (kPa) : No data available

Vapour density (air=1) : No data available
 Relative density (g/cm³) at 40°C : 1,025
 Solubility(ies) in water : Soluble
 Partition coefficient: n-octanol/water : No data available
 Auto-ignition temperature (°C) : No data available
 Decomposition temperature (°C) : No data available
 Viscosity (mm²/s) at 20 °C : 1,0
 Explosive properties : Product is not explosive
 Oxidising properties : Product is not an oxidiser

9.2. Other information

Pourpoint (°C) <0

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended storage conditions

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

Stable under recommended storage conditions

10.4. Conditions to avoid

None known

10.5. Incompatible materials

None in particular

10.6. Hazardous decomposition products

None under normal use

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product data:

ATEmix - Oral (mg/kg): >2000

ATEmix - Dermal (mg/kg): >2000

ATEmix - Inhalation (mg/l/4 h - vapours): >20

Component data:

Chemical Name	LD50 - Oral, Rat (mg/kg)	LD50 - Dermal, Rabbit (mg/kg)	LC50 - Inhalation, Rat, 4h (mg/l)
2-Propyn-1-ol, compd. with 2-methyloxirane 38172-91-7	200-2000	No data available	>0.25 - 1

Skin corrosion/irritation

Product data

Results: No data available

Serious eye damage/irritation

Product data:

Results: No data available

Respiratory or skin sensitisation

Product data:

Results: No data available

Germ cell mutagenicity

Product data:

Results: No data available

Carcinogenicity

Product data:

Results: No data available

Reproductive toxicity

Product data:

Results: No data available

Summary of evaluation of the CMR properties

Product data:

Results: No data available

STOT - single exposure

Product data:

Results: No data available

STOT - repeated exposure

Product data:

Results: No data available

Aspiration hazard

Product data:

Results: No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Acute (short-term) toxicity

Product data:

LC50 (Fish - 96h): >100 mg/ l

EC50 (Water Flea - 48h): >100 mg/ l

IC50 (Algae - 72h): >100 mg/ l

Component data:

Chemical Name	LC50 (Fish - 96h)	EC50 (Water Flea - 48h)	IC50 (Algae - 72h)
2-Propyn-1-ol, compd. with 2-methyloxirane 38172-91-	>100 mg/l (Leuciscus idus)	>100 mg/l	>100 mg/ l

Chronic (long-term) toxicity

Product data:

LC50 (Fish - 96h): >100 mg/ l

EC50 (Water Flea - 48h): >100 mg/ l

IC50 (Algae - 72h): >100 mg/ l

Biodegradation: No data available

Partition coefficient n-octanol /water(log Kow): No data available

Bioconcentration factor (BCF) No data available

Component data:

Chemical Name	LC50 (Fish - 96h)	EC50 (Water Flea - 48h)	IC50 (Algae - 72h)
2-Propyn-1-ol, compd. with 2-methyloxirane 38172-91-	>100 mg/l (Leuciscus idus)	>100 mg/l	>100 mg/l

Chemical Name	Biodegradation	Partition coefficient n-octanol /water (log Kow)	Bioconcentration factor (BCF)
2-Propyn-1-ol, compd. with 2-methyloxirane 38172-91-	No data available	No data available	No data available

12.2. Persistence and degradability

N.A

12.3. Bioaccumulative potential

N.A

12.4. Mobility in soil

N.A

12.5. Results of PBT and vPvB assessment

None

12.6. Other adverse effects

None

12.7. Additional information

No data available



SAFETY DATA SHEET
according to Regulation (EC) No 1907/ 2006
as amended by Regulation (EU) No 2015/ 830
KRONOPASS 2037S

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Packaging data: : Use a European return program for empty packaging. For example: ncg-europe.com.
Product data 16 03 - off-specification batches and unused products
16 03 05* - organic wastes containing hazardous substances
Used No data available

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

Not regulated

14.2 UN proper shipping name

Not regulated

14.3 Transport hazard class(es)

Not regulated

14.4 Packing group: Not regulated

14.5 Environmental hazards

Not regulated

14.6 Special precautions for user

Not regulated

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

Not regulated

SECTION 15: REGULATORY INFORMATION

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

Authorisations and/or restrictions on use

Authorisations:

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

ANNEX XIV - LIST OF SUBSTANCES SUBJECT TO AUTHORISATION Product does not contain components as mentioned in this ANNEX.

Restrictions on use:

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

VERY PERSISTENT AND VERY BIOACCUMULATIVE SUBSTANCES

Product does not contain components as mentioned in this ANNEX.

ANNEX XVII - RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

Product does not contain components as mentioned in this ANNEX

Other EU regulations

REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents

Product is not subject to this regulation.

REGULATION (EC) No 689/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 17 June 2008 concerning the export and import of dangerous chemicals Product does not contain components as mentioned in this regulation.

COUNCIL REGULATION (EC) No 111/2005 of 22 December 2004 laying down rules for the monitoring of trade between the Community and third countries in drug precursors Product does not contain components as mentioned in this regulation.

REGULATION (EC) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer Product does not contain components as mentioned in this regulation.



SAFETY DATA SHEET
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as amended by Regulation (EU) No 2015/ 830
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REGULATION (EU) No 98/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 January 2013 on the marketing and use of explosives precursors Product does not contain components as mentioned in this regulation. Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste (notified under document number C(2000) 1147)

(Text with EEA relevance) (2000/532/EC)

Waste codes / waste designations according to LoW:

As delivered: 16 03 - off-specification batches and unused products

16 03 03* - inorganic wastes containing hazardous substances

COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items Product does contain components as mentioned in this regulation.

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No

1907/2006 of the European Parliament and of the Co

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/ mixture by the supplier

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

CLP - Regulation (EC) No 1272/ 2008 on classification, labelling and packaging of substances and mixtures REACH - Regulation (EC) No 1907/ 2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals

Key literature references and sources for data Compilation of safety data sheet:

Regulation (EC) No 1907/ 2006 of the European Parliament and of the Council of 18 December 2006 concerning the

Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/ 45/ EC and repealing Council Regulation (EEC) No 793/ 93 and Commission Regulation (EC) No 1488/ 94 as well as Council Directive 76/ 769/ EEC and Commission Directives 91/ 155/ EEC, 93/ 67/ EEC, 93/ 105/ EC and 2000/ 21/ EC

Amended by:

Commission Regulation (EU) No 453/ 2010 of 20 May 2010 amending Regulation (EC) No 1907/ 2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance)

Classification procedure: Calculation method

Full text of H-Statements referred to under section 3

H318 - Causes serious eye damage

H302 - Harmful if swallowed

Training advice

The information contained in this safety data sheet must be available to the professional user. The professional user of this product must be adequately informed about the possible hazards of this product. The professional user of this product must be adequately trained in the safe handling and use of chemical products.

Further information Disclaimer

This product's safety information is provided to assist our customers in assessing compliance with

safety/ health/ environmental regulations. The information contained herein is based on data available to us and is believed to be accurate.

However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of the product. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of the product. Such conditions should comply with all regulations concerning the product.