

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Product trade name : KRONOLUBE 5100

1.2. Relevant identified uses of the substance or mixture and uses advised againstIntended uses : Industrial use
Uses advised against : Metal surface treatment**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]**

The preparation should not be considered as dangerous according to Regulation (EC) No 1272/2008 [CLP].

Classification procedure: Calculation method**2.2. Label elements**

Label elements : The preparation should not be considered as dangerous according to Regulation (EC) No 1272/2008 [CLP].

2.3. Other hazardsvPvB Substances: None - PBT Substances: None
Other Hazards:
No other hazards**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

Not applicable.

3.2. MixtureHazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:
None**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: : Remove casualty to fresh air and keep warm and at rest.
Following skin contact: : Wash with plenty of water and soap.
Following eye contact: : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Call a physician immediately
Following ingestion : Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

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: : None
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: : None

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products : Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

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.

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.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

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 : Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: store at 5 - 40°C :
Keep away from food, drink and feed.
Incompatible materials: None in particular.
Instructions as regards storage premises: Adequately ventilated premises.

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**

None.
DNEL Exposure Limit Values
N.A.
PNEC Exposure Limit Values
N.A.

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 : Not needed for normal use.
Respiratory protection : Not needed for normal use.
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**

Appearancee : Light brown powder
Odour : No data available
Odour threshold : No data available
pH : 10 (maximum solution)
Melting point / freezing point (°C) : No data available
Initial boiling point and boiling range (°C) : No data available
Flash point (°C) : No data available
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
Vapiour density (air=1) : No data available

Relative density (g/cm ³) at 40°C	:	0,7
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 (mm ² /s) at 20 °C	:	No data available
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**

Toxicological information of the substance:

N.A.

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

Adopt good working practices, so that the product is not released into the environment.

Do not use when plants are in flower: the product is toxic for bees.

Test: LC50 - Species: Fish - Duration h: 96 - mg/l: 15

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

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 Recover if possible. In so doing, comply with the local and national regulations currently in force.

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



SAFETY DATA SHEET
according to Regulation (EC) No 1907/ 2006
as amended by Regulation (EU) No 2015/ 830
KRONOLUBE 5100

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.

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

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.