

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

Product trade name : KRONOCLEAN 2168P

1.2. Relevant identified uses of the substance or mixture and uses advised againstIntended uses : Degreasing
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**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]

Skin corrosion/irritation: Category 1B – H314
STOT-SE: Respiratory tract irritation: Category 3 – (H335)**Classification procedure: Calculation method****2.2. Label elements**

Label elements :

Contains : caustic soda, sodium carbonate, sodium pyrophosphate, fatty alcohol ethoxylate-propoxylate, alkyl methylamine of coconut ethoxylated
Signal word : DANGER
Hazard Statements : H314 - Causes severe skin burns and eye damage
H335 - May cause respiratory irritation
Precautionary statements : P101 - If medical advice is needed, have product container or label at hand.
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin
P310 - Immediately call a POISON CENTER or doctor/ physician
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing**2.3. Other hazards**

None under normal use

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances**

Not applicable. Product is a 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	Weight %	Classification according to Regulation (EC) No 1272/2008 (CLP)
Caustic Soda 1310-73-2	215-185-5	011-002-00-6	01-2119457892-27	40-50	Skin Corr. 1A, H314)
sodium carbonate 497-19-8	215-185-5	011-005-00-2		25-30	Eye Irrit. 2 H319
sodium pyrophosphate 7722-88-5	231-767-1			20-25	Eye Irrit. 2 H319 STOT SE 3 H335 Skin Irrit. 2 H315
atty alcohol ethoxylate – propoxylate 68439-51-0				3-5	Aquatic Acute 1 H400
alkyl methylamine of coconut ethoxylated				1-3	Oral Acute Tox. 4 H302 Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Acute 1 H400

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

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Following inhalation:

: Measures:

- Take the victim into fresh air, loosen his clothes and let him rest.
- Give artificial respiration, if necessary.
- In case of symptoms, obtain medical help

Following skin contact:

: Measures:

- Wash the contaminated area with plenty of warm water and soap (for 15 minutes)!
- In case of symptoms, obtain medical attention and show him the label!
- Remove contaminated clothes and wash them before re-use.

Following eye contact:

: Measures:

- In case of contact with eyes flush immediately with plenty of flowing water holding eyelids apart (for at least 15 – 30 minutes). Remove eyelenses, if possible.
- Obtain medical help

Following ingestion

: ASE OF INGESTION:

Measures:

- Obtain medical attention and show him the label.
- Place the victim into comfortable position!
- Do not give the victim anything to eat or drink, and do not induce vomiting if the victim is unconscious.

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:

: Acute: Cough, Dyspnea, Burns, Sore throat.

Delayed: Cough, Dyspnea, Burns, Sore throat.

Following skin contact

: Acute: Redness, Pain, Burns, Blisters, Hypersensitivity reaction.

Delayed: Redness, Pain, Burns, Blisters, Hypersensitivity reactio

Following eye contact:

: Acute: Burns, Redness, Pain, Impaired vision, Corneal damage.

Delayed: Corneal damage, Burns, Redness, Pain, Impaired vision

Following ingestion:

Acute: Abdominal pain, Burns, Sore throat, Burning sensation.

Delayed: Abdominal pain, Burns, Sore throat, Burning sensation.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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 in particular

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: : See protective measures under point 8.

Ensure adequate ventilation. Avoid skin, clothing and eye contact. Keep persons away from exposure zone. Wear chemically resistant gloves, goggles and protective clothing.

Containers exposed to fire or heat shall be cooled by water or eliminated from the danger zone

6.1.2. For emergency responders

Protective equipment

Wear personal protection equipment according to point 8. In case of exposure ask for medical assistance. Remove contaminated clothing and wash them before re-use.

See protective measures under point 7 and 8

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: : Wash with plenty of water.

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.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

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

caustic soda - Index: 011-002-00-6, CAS: 1310-73-2, EC No: 215-185-5

TLV STEL: mg/m³ 2 C

sodium carbonate - Index: 011-005-00-2, CAS: 497-19-8, EC No: 207-838-8

TLV TWA - TLV STEL- OEL 8h- OEL short: None.

sodium pyrophosphate - Index: NA, CAS: 7722-88-5, EC No: 231-767-1

TLV TWA - TLV STEL- OEL 8h- OEL short: None.

fatty alcohol ethoxylate – propoxylate - Index: NA, CAS: 68439-51-0, EC No: NA

TLV TWA - TLV STEL- VLE 8h- VLE short: None.

alkyl methylamine of coconut ethoxylated - Index: NA, CAS: NA, EC No: NA

TLV TWA - TLV STEL- VLE 8h- VLE short: None.

8.2. Exposure controls

Eye protection	Use close fitting safety goggles, don't use eye lens.
Protection for skin	: Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
Protection for hands	: Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber
Skin protection	: Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton. During loading operations: wear protective helmet.:
Respiratory protection	: Use respiratory protection where ventilation is insufficient or exposure is prolonged, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).
Thermal hazards	Product represents no thermal hazards
Environmental exposure controls	None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical propertie

Appearancee	: colourless to pale yellow powder
Odour	: Characteristics
Odour threshold	: No data available
pH	: 12 (sol. 10g/l)
Melting point / freezing point (°C)	: No data available
Initial boiling point and boiling range (°C)	: No data available
Flash point (°C)	: Not applicable - boils at 100°C (product contains water)
Evaporarion rate (BuAc =1)	: No data available

Flammability (solid, gas)	:	No data available
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/cm ³) at 40°C	:	No data available
Solubility(ies) in water	:	Partly 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	:	1.00
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

Stable under recommended storage conditions.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

None under normal use

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

sodium pyrophosphate - Index: N.A., CAS: 7722-88-5, EC No: 231-767-1

LC50 oral (rat) 4000 mg/kg

sodium gluconate - Index: N.A., CAS: 527-07-1, EC No: 208-407-7

LD50 oral (rat) > 5000 mg/kg

fatty alcohol ethoxylate – propoxylate - Index: N.A., CAS: 68439-51-0, EC No: N.A.

LD 50 2500 mg/kg

alkyl methylamine of coconut ethoxylated - Index: N.A., CAS: N.A., EC No: N.A.

LD50 oral (rat) 300-2000 mg/kg

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

- acute toxicity;
- skin corrosion/irritation;
- serious eye damage/irritation;
- respiratory or skin sensitisation;
- germ cell mutagenicity;
- carcinogenicity;
- reproductive toxicity;
- STOT-single exposure;
- STOT-repeated exposure;
- 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.

fatty alcohol ethoxylate – propoxylate - Index: NA, CAS: 68439-51-0, EC No: NA

Test: LC50 Species: Fish Duration h: 96 mg/l: 10

Test: EC50 Species: Algae Duration h: 48 mg/l: 1

alkyl methylamine of coconut ethoxylated - Index: N.A., CAS: N.A., EC No: N.A.

Test: EC50 Species: Algae Duration h: 72 mg/l: 1

12.2. Persistence and degradability

None

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

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: : Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Product data As delivered:

11 01 07*

Used No data available

SECTION 14: TRANSPORT INFORMATION**14.1 UN number**

UN 1759

14.2 UN proper shipping name

CORROSIVE SOLID, N.O.S. (caustic soda)

14.3 Transport hazard class(es)

ADR-Class: 8

ADR-HI number: 80

IATA-Class: 8

IATA-Label: Corrosive

IMDG-Class: 814.4 Packing group

14.4 Packing group: II

14.5 Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

14.6 Special precautions for user

ADR-Tunnel Restriction Code: (E)

IATA-Passenger Aircraft: 859

IATA-Cargo Aircraft: 863

IATA-ERG: 8L

IMDG-EmS: F-A , S-B

IMDG-Storage category: A

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

N.A.

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

ANNEX XIII - CRITERIA FOR THE IDENTIFICATION OF PERSISTENT, BIOACCUMULATIVE AND TOXIC SUBSTANCES, AND

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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.

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: 11 01 07*



SAFETY DATA SHEET
according to Regulation (EC) No 1907/ 2006
as amended by Regulation (EU) No 2015/ 830
KRONOCLEAN 2168P

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

Classification procedure: Calculation method

Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H400 - Very toxic to aquatic life.

H302 - Harmful if swallowed.

H318 - Causes serious eye damage.

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.