

Safety data sheet

according to Regulation (EC) No. 1907/2006

Printing date 08.08.2014

Revision: 08.08.2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **Version number:** 1.0/EN
- **Creation date:** 08.08.2014
- **1.1 Product identifier**
- **Trade name:** **Cramer Acrylic Cleaner 0,5 l**
- **Package:** 0,5 l PE-bottle with trigger sprayer
- **Registration number** This Product is a mixture. REACH Registration Number see chapter 3.
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU21 Consumer uses: Private households / general public / consumers
- **Product category** PC35 Washing and cleaning products (including solvent based products)
- **1.2.1 Application of the substance / the mixture** cleaning agent
- **1.2.2 Uses advised against** No relevant information available.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** CRAMER GmbH
Salzstr. 8A
85622 Feldkirchen

Tel. +49 (0) 89 99909 770

info@cramer-gmbh.de
www.cramer-gmbh.de
info@cramer-gmbh.de
- **Informing department:**
- **1.4 Emergency telephone number:**
- **Telephone number of the company in case of emergencies:** CRAMER GmbH
Tel. +49 (0) 89 99909 770
Only available during office hours.

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Flam. Liq. 3 H226 Flammable liquid and vapour.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
R10: Flammable.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**

GHS02
- **Signal word** Warning
- **Hazard statements** H226 Flammable liquid and vapour.
- **Precautionary statements** P101 If medical advice is needed, have product container or label at hand.

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*P102 Keep out of reach of children.**P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**P501 Dispose of contents / container in accordance with regional regulations.***· 2.3 Other hazards****· Results of PBT and vPvB assessment****· PBT:***Not applicable.***· vPvB:***Not applicable.***SECTION 3: Composition/information on ingredients****· 3.1 Substances***This product is a mixture.***· 3.2 Mixtures****· Description:***Waterbased mixture of surfactants***· Dangerous components:**

CAS: 67-63-0	propan-2-ol	3-<5%
EINECS: 200-661-7	Xi R36; F R11	
Reg.nr.: 01-2119457558-25-XXXX	R67	
	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	

· Additional information*For the wording of the listed risk phrases refer to section 16.***SECTION 4: First aid measures****· 4.1 Description of first aid measures****· General information***No special measures required.***· After inhalation***Supply fresh air; consult doctor in case of symptoms.***· After skin contact***Wash away with water.***· After eye contact***Rinse opened eye for several minutes under running water.***· After swallowing***If symptoms persist, consult doctor.***· After swallowing***Do not induce vomiting; instantly call for medical help.***· After swallowing***Rinse out mouth and then drink plenty of water.***· 4.2 Most important symptoms and effects, both acute and delayed***No further relevant information available.***· 4.3 Indication of any immediate medical attention and special treatment needed***No further relevant information available.***SECTION 5: Firefighting measures****· 5.1 Extinguishing media****· Suitable extinguishing agents***CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.***· For safety reasons unsuitable extinguishing agents***For this mixture no limitations of extinguishing agents are given.***· 5.2 Special hazards arising from the substance or mixture***No further relevant information available.***· 5.3 Advice for firefighters****· Protective equipment:***Do not inhale explosion gases or combustion gases.*

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· Additional information

Cool endangered containers with water spray jet. (Contd. of page 2)

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Not required.

· 6.2 Environmental precautions:

Dilute with much water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

· 6.4 Reference to other sections

No dangerous materials are released.

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Do not spray on flames or red-hot objects.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage

· Requirements to be met by storerooms and containers:

No special requirements.

· Information about storage in one common storage facility:

Not required.

· Further information about storage conditions:

None.

· Recommended storage temperature:

+ 5 until +40 °C

· Storage class

10-13 Other liquids and solids.

· 7.3 Specific end use(s)

See Section 1.2.1

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Components with critical values that require monitoring at the workplace:

67-63-0 propan-2-olWEL (Great Britain) Short-term value: 1250 mg/m³, 500 ppmLong-term value: 999 mg/m³, 400 ppm

· Additional information:

The lists that were valid during the compilation were used as basis.

· 8.2 Exposure controls

· 8.2.1 Engineering Controls:

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See Section 7.

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· 8.2.2 Personal protective equipment

Protective clothing need to be selected specifically for the workplace, depending on concentration and quantities of the hazardous substance handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Protective equipment only required in case of industrial use or for large packs (not for household packs)

· General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

· Breathing equipment:

Not required.

· Protection of hands:

Not required.

· Eye protection:



Tightly sealed safety glasses according to EN 166.

· Body protection:

Protective work clothing.

· 8.2.3 Limitation and supervision of exposure into the environment

See Sections 6 and 7.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:

Fluid

Colour:

Clear

· Smell:

Perfumed

· Odour threshold:

Not determined.

· pH-value at 20 °C:

4.0 < pH ≤ 5.0

· Change in condition

Melting point/Melting range:

Not determined

Boiling point/Boiling range:

100 °C

Crystallisation temperature / range:

Undetermined.

Fusion temperature / range:

Not relevant.

Sublimation temperature / start:

Undetermined.

· Drip point:

Pour point:

Not relevant.

· Solidification point:

Not relevant.

· Flash point:

54 °C (EN ISO 2719)

· Inflammability (solid, gaseous)

Not applicable.

· Ignition temperature:

Not relevant.

· Decomposition temperature:

Not determined.

· Self-inflammability:

Product is not selfigniting.

· Danger of explosion:

Product is not explosive.

· Critical values for explosion:

Lower:

Not determined.

Upper:

Not determined.

· Oxidizing properties

Not applicable.

· Steam pressure:

Not determined.

· Density

Relative density at 20 °C

0.996 g/cm³ ((EG) Nr. 440/2008; A.3.)

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Vapour density	Not determined.
Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Fully miscible
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity	See Section 10.3.
· 10.2 Chemical stability	
· Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
· 10.3 Possibility of hazardous reactions	No dangerous reactions known
· 10.4 Conditions to avoid	No further relevant information available.
· 10.5 Incompatible materials:	No further relevant information available.
· 10.6 Hazardous decomposition products:	in the event of fire: See section 5.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity:

· LD/LC50 values that are relevant for classification:

67-63-0 propan-2-ol

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD 50	>2000 mg/kg (rabbit)
Inhalative	LC50/4 h	>30 mg/l (rat)

- Assessment / Classification: Based on available data, the classification criteria are not met. The Classification was carried out according to the calculation method of the CLP Regulation (EC) 1272/2008.

· Primary irritant/corrosive effect:

· on the skin:

67-63-0 propan-2-ol

Classification of the substance	Not classified	(not applicable)
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- Assessment / Classification: Based on available data, the classification criteria are not met. The Classification was carried out according to the calculation method of the CLP Regulation (EC) 1272/2008.

· on the eye:

67-63-0 propan-2-ol

Classification of the substance	Eye Irrit. 2, H319	10 % (GCL)
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- Assessment / Classification: Based on available data, the classification criteria are not met. The Classification was carried out according to the calculation method of the CLP Regulation (EC) 1272/2008.
- Sensitization: No sensitizing effect known.

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· **Assessment / Classification:** Based on available data, the classification criteria are not met.

· Repeated dose toxicity		
67-63-0 propan-2-ol		
Classification of the substance	STOT SE 3, H336	20 (GCL)

· **Assessment / Classification:** Based on available data, the classification criteria are not met. The Classification was carried out according to the calculation method of the CLP Regulation (EC) 1272/2008.

· **Carcinogenicity**

Not tested

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

· **Mutagenicity**

Not tested

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

· **Toxicity for reproduction**

Not tested

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

· 67-63-0 propan-2-ol	
EC50/48 h	13299 mg/l (Daphnia magna)
IC50/72 h	>1000 mg/l (Scenedesmus subspicatus (green algae))
	IUCLID
LC50/96 h	10000 mg/l (Pimephales promelas (fathead minnow)) (OECD 203)
	ECHA

· **Assessment / Classification:** Based on available data, the classification criteria are not met. The Classification was carried out according to the calculation method of the CLP Regulation (EC) 1272/2008.

· **12.2 Persistence and degradability**

· 67-63-0 propan-2-ol	
Biodegradability	95 % (21d) (OECD 301 E)

· **Other information:**

The product is easily biodegradable.

The statement is derived from the properties of the single components.

· **12.3 Bioaccumulative potential**

· 67-63-0 propan-2-ol	
log Pow	0.05 (20 °C) (OEDC 107)
	Bioaccumulation is not expected (log Pow <1).

· **12.4 Mobility in soil**

No further relevant information available.

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· **Additional ecological information:**· **General notes:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Water hazard class 2 (Self-assessment): hazardous for water.

Danger to drinking water if even small quantities leak into soil.

· **12.5 Results of PBT and vPvB assessment**· **PBT:**

Not applicable.

· **vPvB:**

Not applicable.

· **12.6 Other adverse effects**

No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

· **13.1.1 Appropriate disposal / Product****Recommendation:**

Dispose of in accordance with local and national regulations.

· **List of proposed waste codes/waste designations in accordance with EWC:**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	aqueous washing liquids and mother liquors

· **13.1.2 Appropriate disposal / Package:**· **Recommendation:**

Packaging can be reused or recycled after cleaning.

Dispose of packaging according to regulations on the disposal of packagings.

· **Recommended cleaning agent:**

Water, if necessary with cleaning agent.

SECTION 14: Transport information

· **UN-Number**· **ADR, ADN, IMDG, IATA**

Void

· **14.2 UN proper shipping name**· **ADR, ADN, IMDG, IATA**

Void

· **14.3 Transport hazard class(es)**· **ADR, ADN, IMDG, IATA**· **Class**

Void

· **14.4 Packing group**· **ADR, IMDG, IATA**

Void

· **Environmental hazards:**

Not applicable.

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- | | |
|---|--|
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · UN "Model Regulation": | - |

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- EU regulations:** Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
- | | |
|--|------|
| · Regulation (EC) No 648/2004 on detergents / Labelling for contents: | |
| amphoteric surfactants | < 5% |
| perfumes (D-LIMONENE) | |
- Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products:** This product does not fall within the scope of the Biocidal Products Regulation (BPR).
- National regulations**
- Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- 16.1 Indication of changes:** Not applicable.
- 16.2 Relevant R-, H- and EUH-phrases (number and full text):**
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
R11 Highly flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.
- 16.3 Training hints** Employers must ensure that, prior to commencement to their work and then at least once every year, workers carrying out activities using hazardous substances be given verbal instruction relating to the workplace or the activity, on the basis of the working instruction. (TRGS 555)
- 16.4 Literature and data sources:** Data arise from reference works and literature.
- 16.5 Additional Information:** The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other

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products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

· **Classification for mixtures and used evaluation method according to regulation (EC)1207/2008 [CLP]:**

Flam. Liq. 3, H226: On basis of test data

· **16.6 Any Abbreviations and acronyms used in this document:**

ATE Acute Toxicity Estimate
 ADR European Agreement concerning the International Carriage of Dangerous Goods by Road
 ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 CEN European Committee for Standardisation
 C&L Classification and Labelling
 CLP Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
 CAS Chemical Abstracts Service number
 COM European Commission
 CMR Carcinogen, Mutagen, or Reproductive Toxicant
 CSA Chemical Safety Assessment
 CSR Chemical Safety Report
 DNEL Derived No Effect Level
 DPD Dangerous Preparations Directive 1999/45/EC
 DSD Dangerous Substances Directive 67/548/EEC
 DU Downstream User
 DUCC Downstream Users of Chemicals Co-ordination platform
 EEA European Economic Area (EU + Iceland, Liechtenstein and Norway)
 ECB European Chemicals Bureau
 ECHA European Chemicals Agency
 EC-Number EINECS and ELINCS Number (see also EINECS and ELINCS)
 EINECS European Inventory of Existing Commercial Substances
 ELINCS European List of notified Chemical Substances
 EN European Standard
 EP European Parliament
 EQS Environmental Quality Standard
 ext-SDS Extended Safety Data Sheet (SDS with ES attached)
 EU European Union
 Euphrac European Phrase Catalogue
 EWC European Waste Catalogue (replaced by LoW – see below)
 GES Generic Exposure Scenario
 GHS Globally Harmonized System
 HH Human Health
 IATA International Air Transport Association
 ICAO-TI Technical Instructions for the Safe Transport of Dangerous Goods by Air
 IMDG International Maritime Dangerous Goods
 IMSBC International Maritime Solid Bulk Cargoes

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IT Information Technology
 IUCLID International Uniform Chemical Information Database
 IUPAC International Union for Pure Applied Chemistry
 JRC Joint Research Centre
 Kow octanol-water partition coefficient
 LC50 Lethal Concentration to 50 % of a test population
 LD50 Lethal Dose to 50% of a test population (Median Lethal Dose)
 LE Legal Entity
 LoW List of Wastes (see ec.europa.eu/environment/waste/framework/list.htm)
 LR Lead Registrant
 M/I Manufacturer / Importer
 MS Member States
 MSDS Material Safety Data Sheet
 OC Operational Conditions
 OECD Organization for Economic Co-operation and Development
 OECD-WPMNM OECD Working Party on Manufactured Nanomaterials
 OEL Occupational Exposure Limit
 OH Occupational Health
 OR Only Representative
 OSHA European Agency for Safety and Health at work
 PBT Persistent, Bioaccumulative and Toxic substance
 PEC Predicted Effect Concentration
 PNEC(s) Predicted No Effect Concentration(s)
 PPE Personal Protection Equipment
 (Q)SAR Qualitative Structure Activity Relationship
 REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No1907/2006
 RID Regulations concerning the International Carriage of Dangerous Goods by Rail
 RIP REACH Implementation Project
 RMM Risk Management Measure
 SC Supply Chain
 SCBA Self-Contained Breathing Apparatus
 SDS Safety Data Sheet
 SIEF Substance Information Exchange Forum
 SME Small and Medium sized Enterprises
 STOT Specific Target Organ Toxicity
 (STOT) RE Repeated Exposure
 (STOT) SE Single Exposure
 SVHC Substances of Very High Concern
 UIC Union des Industries Chimiques
 UN United Nations
 VCI Verband der Chemischen Industrie
 vPvB Very Persistent and Very Bioaccumulative

Check out our full range of Bathroom Accessories

Bathroom Accessory Sets

Heated Towel Rails

Bathroom Extractor Fans

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Soap Dishes

Towel Rings

Shower Caddies

Bathroom Mirrors

Standard Bathroom Mirrors

LED Bathroom Mirrors

Shaving Mirrors

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Big brands, small prices.