

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 24.06.2019

Version: 2

Revision: 24.06.2019

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

- **Product identifier**
- **Trade name:** Hydro Fixblood
- **Article number:** 04081
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Remover
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Kryolan Australia Pty Ltd
- **86 Woodlands Drive, Braeside**
- **Victoria 3195**
- **Tel: +61 3 9580 8122**
- **Fax: 03 9580 7074**
- **Email: sales@kryolan.com.au**
- **Web: www.kryolan.com.au**
- **Emergency Contact: +61 3 9580 8122 / +61419586 189**

2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
 -  **Xi; Irritant**
 - R36: Irritating to eyes.
 -  **F; Highly flammable**
 - R11: Highly flammable.
 - R67: Vapours may cause drowsiness and dizziness.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Label elements**
- **Labelling according to EU guidelines:**
As a cosmetic preparation, the product is not subject to the provisions of the Chemical Law and the Ordinance on Hazardous Materials. However, general safety regulations should be observed.
Observe the general safety regulations when handling chemicals.
- **Code letter and hazard designation of product:**
 -   **Xi Irritant**
F Highly flammable
- **Risk phrases:**
 - 11 Highly flammable.
 - 36 Irritating to eyes.
 - 67 Vapours may cause drowsiness and dizziness.
- **Safety phrases:**
 - 2 Keep out of the reach of children.
 - 7 Keep container tightly closed.

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16 Keep away from sources of ignition - No smoking.

24/25 Avoid contact with skin and eyes.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:**
Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 67-63-0	propan-2-ol	20-40%
EINECS: 200-661-7	 Xi R36;  F R11 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.

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Keep away from heat and direct sunlight.

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Keep receptacles tightly sealed.

Avoid contact with eyes.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** Store in a cool location.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

· **Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

67-63-0 propan-2-ol (31.425%)

WEL	Short-term value: 1250 mg/m ³ , 500 ppm
	Long-term value: 999 mg/m ³ , 400 ppm

· **Additional information:** The lists valid during the making were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

· **Respiratory protection:** Not required.

· **Protection of hands:** Not required.

· **Material of gloves:** Not required.

· **Penetration time of glove material:** Not required.

· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Pasty

Colour: Various colours

· **Odour:** Alcohol-like

· **Change in condition**

Melting point/Melting range: -89,5 °C

Boiling point/Boiling range: 82 °C

· **Flash point:** 13 °C

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· Ignition temperature:	425°C
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits:	
Lower:	2.0 Vol %
Upper:	12.0 Vol %
· Vapour pressure at 20°C:	43 hPa
· Density at 20°C:	0.785 g/cm ³
· Solubility in / Miscibility with water:	Partly miscible.
· Solvent content:	
Organic solvents:	20-40 %

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

67-63-0 propan-2-ol

Oral	LD50	5045 mg/kg (rat)
Dermal	LD50	12800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/l (rat)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

12 Ecological information

- **Toxicity**
- **Acquatic toxicity:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
 Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
 Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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· **vPvB:** Not applicable.**13 Disposal considerations**

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information· **Land transport ADR/RID (cross-border)**

- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 33
- **UN-Number:** 1219
- **Packaging group:** II
- **Hazard label:** 3
- **UN proper shipping name:** 1219 ISOPROPANOL (ISOPROPYL ALCOHOL), mixture
- **Tunnel restriction code** D/E

· **Maritime transport IMDG:**

- **IMDG Class:** 3
- **UN Number:** 1219
- **Label** 3
- **Packaging group:** II
- **EMS Number:** F-E,S-D
- **Marine pollutant:** No
- **Proper shipping name:** ISOPROPANOL (ISOPROPYL ALCOHOL), mixture

· **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1219
- **Label** 3
- **Packaging group:** II
- **Proper shipping name:** ISOPROPANOL (ISOPROPYL ALCOHOL), mixture

· **Special precautions for user** Warning: Flammable liquids.

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15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
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Observe the general safety regulations when handling chemicals.*
- **Code letter and hazard designation of product:**



*Xi Irritant
F Highly flammable*

- **Risk phrases:**
*11 Highly flammable.
36 Irritating to eyes.
67 Vapours may cause drowsiness and dizziness.*
- **Safety phrases:**
*2 Keep out of the reach of children.
7 Keep container tightly closed.
16 Keep away from sources of ignition - No smoking.
24/25 Avoid contact with skin and eyes.*
- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
*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.*
- **Department issuing MSDS:** *Section Product Safety*
- **Contact:** *Mr.Lüth*