



# Lux oN by Yobe Beaula Acrylic Powders

## Lux oN by Yobe Beaula Prep On

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### Product identifier

**Trade name** Isopropyl Alcohol

**Synonyms** Dimethyl carbinol, Isopropanol, 2-Propanol

**CAS-No.** 67-63-0

**Relevant identified uses of the substance or mixture and uses advised against**

**Use** Solvent. Raw material for printing inks and printing ink additives. Paint related material. Hand sanitizer manufacture.

<b>Properties</b>	<b>Units</b>	<b>Limits</b>	<b>Test Methods</b>
Appearance	Visual	Clear and bright	ASTM E2680
Colour	Pt-Co	10 max	ASTM D1209
Water	mass %	0.1 max	ASTM D1364
Isopropanol	mass %	99.80 min	GC
Acidity as acetic acid	mass %	0.002 max	ASTM D1613

(Revision 1: October 2019)

B E A U L A

Hazard pictograms	:	 
Signal word	:	Danger
Hazard statements	:	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

#### Precautionary statements

<b>Prevention</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical/ ventilating/ lighting equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P264 Wash the contact area thoroughly after handling. P271 Use only outdoors or in a well-ventilated area.
<b>Response</b>	P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER or doctor/ physician if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/ attention.
<b>Storage</b>	P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.
<b>Disposal</b>	P501 Dispose of contents/ container to an approved waste disposal plant.

### SECTION 3. Composition/information on ingredients

#### Substance

Propan-2-ol; isopropyl alcohol; isopropanol

Contents: <= 99.80 %W/W

CAS-No. 67-63-0

Index-No. 603-117-00-0

EC-No. 200-661-7

Hazard statements H225 H319 H336

#### SECTION 4. First aid measures

##### Description of necessary first-aid measures

<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before re-use. If skin irritation persists, call a physician.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

##### Most important symptoms/effects, acute and delayed

Refer to SECTION 11

#### SECTION 5. Firefighting measures

<b>Suitable extinguishing media</b>	Water spray. Alcohol-resistant foam. Dry chemical. Carbon dioxide.
<b>Unsuitable extinguishing media</b>	No information available.
<b>Special hazards arising from the substance or mixture</b>	Flash back possible over considerable distance. Vapours may form explosive mixtures with air.
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

#### SECTION 6. Accidental release measures

<b>Personal precautions</b>	Keep people away from and upwind of spill/leak. Remove all sources of ignition. Use non-sparking tools. Do not breathe vapours or spray mist. Ensure adequate ventilation.
<b>Environmental precautions</b>	Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material and dispose of as hazardous waste.
<b>Reference to other sections</b>	Refer to section 8 and 13

## SECTION 7. Handling and storage

<b>Safe handling advice</b>	Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment. Take precautionary measures against static discharges. Ensure all equipment is electrically grounded before beginning transfer operations.
<b>Advice on protection against fire and explosion</b>	Keep away from open flames, hot surfaces and sources of ignition. Use explosion-proof equipment.
<b>Temperature class</b>	T1
<b>Requirements for storage areas and containers</b>	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat. Keep away from direct sunlight.
<b>Advice on common storage</b>	Keep containers tightly closed in a cool, well-ventilated place.

## SECTION 8. Exposure controls/personal protection

### Components with workplace control parameters

#### NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Components	Type	Control parameters	Update	Basis
ISOPROPYL ALCOHOL	TWA	980 mg/m <sup>3</sup>	1995	South Africa RELs
PROPAN-2-OL	TWA	400 ppm	1995	South Africa RELs
PROPAN-2-OL	STEL	1,225 mg/m <sup>3</sup>	1995	South Africa RELs
	STEL	500 ppm	1995	South Africa RELs

### Exposure controls

#### Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

#### Personal protective equipment

<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection</b>	Gloves suitable for permanent contact: Material: butyl-rubber Break through time: 4 h Material thickness: 0.5 mm
<b>Eye protection</b>	Safety glasses with side-shields.
<b>Skin and body protection</b>	Protective suit. Safety shoes.
<b>Hygiene measures</b>	Wash hands before breaks and immediately after handling the product. Take off all contaminated clothing immediately.

## SECTION 9. Physical and chemical properties

### Information on basic physical and chemical properties

Form	Liquid
State of matter	Liquid
Colour	Colourless
Odour	Alcohol-like
Odour Threshold	No data available.
pH	Not applicable.
Melting point/range	-88.5 °C
Boiling point/boiling range	82 °C
Flash point	12 °C; closed cup
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto-ignition temperature	No data available.
Decomposition Temperature	No data available.
Lower explosion limit	2 %(V)
Upper explosion limit	13.4 %(V)
Vapour pressure	42.6 hPa; 20 °C
Relative vapour density	2.07(Air = 1.0)
Density	0.784 g/cm <sup>3</sup> ; 20 °C
Water solubility	Completely soluble
Partition coefficient: n-octanol/water	No data available.
Viscosity, kinematic	3.05 mm <sup>2</sup> /s; 20 °C

## SECTION 10. Stability and reactivity

Reactivity	Stable under recommended storage conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.
Conditions to avoid	Extremes of temperature and direct sunlight. Heat, flames and sparks.
Materials to avoid	Strong oxidizing agents Incompatible with acids. Halogenated compounds
Hazardous decomposition products	Carbon oxides

## SECTION 11. Toxicological information

Acute oral toxicity	Propan-2-ol; isopropyl alcohol; isopropanol: LD50 Rat: > 5,000 mg/kg; OECD Test Guideline 401; (literature value) Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Propan-2-ol; isopropyl alcohol; isopropanol: LC50 Rat: 6 h; vapour, > 10000 ppm; OECD Test Guideline 403; Central nervous system; Drowsiness(literature value), Based on available data, the classification criteria are not met.
Acute dermal toxicity	Propan-2-ol; isopropyl alcohol; isopropanol: LD50 Rabbit: > 5,000 mg/kg; OECD Test Guideline 402; (literature value), Based on available data, the classification criteria are not met.

<b>Skin irritation</b>	Propan-2-ol; isopropyl alcohol; isopropanol: Rabbit: Not irritating; (literature value)
<b>Eye irritation</b>	Propan-2-ol; isopropyl alcohol; isopropanol: Rabbit: Irritating (literature value)
<b>Sensitisation</b>	Propan-2-ol; isopropyl alcohol; isopropanol: Buehler Test; Guinea pig: Not sensitizing; (literature value)
<b>Mutagenicity</b>	Propan-2-ol; isopropyl alcohol; isopropanol: In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects;

## SECTION 12. Ecological information

<b>Toxicity to fish</b>	Propan-2-ol; isopropyl alcohol; isopropanol: static test; Leuciscus idus melanotus; 48 h; LC50; > 100 mg/l; (literature value)
<b>Toxicity to daphnia and other aquatic invertebrates</b>	Propan-2-ol; isopropyl alcohol; isopropanol: static test; Daphnia magna (Water flea); 48 h; EC50; > 100 mg/l(literature value)
<b>Toxicity to algae</b>	Propan-2-ol; isopropyl alcohol; isopropanol: static test; Scenedesmus subspicatus72 h; EC50; > 100 mg/l; (literature value)
<b>Biodegradability</b>	Propan-2-ol; isopropyl alcohol; isopropanol: aerobic; activated sludge; 53 %; 5 d; Readily biodegradable.; (literature value)
<b>Bioaccumulation</b>	Propan-2-ol; isopropyl alcohol; isopropanol: No bioaccumulation is to be expected (log Pow <= 4).
<b>Mobility in soil</b>	Propan-2-ol; isopropyl alcohol; isopropanol: No data available.
<b>Results of PBT and vPvB assessment</b>	Propan-2-ol; isopropyl alcohol; isopropanol: This substance is not considered to be very persistent and very bioaccumulating (vPvB). This substance is not considered to be persistent, bioaccumulating and toxic (PBT).
<b>Other adverse effects</b>	Propan-2-ol; isopropyl alcohol; isopropanol: No data available.

## SECTION 13. Disposal considerations

<b>Product</b>	Disposal should be in accordance with local, regional and national legislations.
<b>Packaging</b>	Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

## SECTION 14. Transport information

## DG Pictogram



**ADR**  
UN number: 1219  
Class: 3  
Packaging group: II; F1;  
Proper shipping name: ISOPROPANOL

**RID**  
UN number: 1219  
Class: 3  
Packaging group: II; F1  
Proper shipping name: ISOPROPANOL

**ADNR**  
UN number: 1219  
Class: 3  
Packaging group: II; F1  
Proper shipping name: ISOPROPANOL

**IMDG**  
UN number: 1219  
Class: 3  
EmS: F-E, S-D  
Packaging group: II  
Proper shipping name: ISOPROPANOL  
Marine pollutant: Not a Marine Pollutant

**ICAO/IATA**  
UN number : 1219  
Class: 3  
Packaging group: II  
Proper shipping name: ISOPROPANOL  
Transport in bulk: Isopropyl alcohol  
according to Annex II of MARPOL 73/78 and the IBC Code: Pollution Category: Z

### SECTION 15. Regulatory information

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

<b>Switzerland Consolidated Inventory</b>	All chemical constituents are listed in: Switzerland Consolidated Inventory (See chapter 3)
<b>USA TSCA Inventory</b>	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)

<b>Canadian Domestic Substances List (DSL)</b>	All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)
<b>Australian Inv. of Chem. Substances (AICS)</b>	All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)
<b>New Zealand Inventory of Chemicals (NZIoC)</b>	All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)
<b>Jap. Inv. of Exist. &amp; New Chemicals (ENCS)</b>	All chemical constituents are listed in: Jap. Inv. of Exist. & New Chemicals (ENCS) (See chapter 3)
<b>Japan. Industrial Safety &amp; Health Law (ISHL)</b>	All chemical constituents are listed in: Japan. Industrial Safety & Health Law (ISHL) (See chapter 3)
<b>Korea. Existing Chemicals Inventory (KECI)</b>	All chemical constituents are listed in: Korea. Existing Chemicals Inventory (KECI) (See chapter 3)
<b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b>	All chemical constituents are listed in: Philippines Inventory of Chemicals and Chemical Substances (PICCS) (See chapter 3)
<b>Inv. of Exist. Chem. Substances in China</b>	All chemical constituents are listed in: Inv. of Exist. Chem. Substances in China (See chapter 3)

## SECTION 16. Other information

### Full text of H-Statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

All reasonable efforts were exercised to compile this SDS in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The SDS only provides information regarding the health, safety and environmental hazards at the date of issue, to facilitate the safe receipt, use and handling of this product in the workplace and does not replace any product information or product specifications. Since Sasol and its subsidiaries cannot anticipate or control all conditions under which this product may be handled, used and received in the workplace, it remains the obligation of each user, receiver or handler to, prior to usage, review this SDS in the context within which this product will be received, handled or used in the workplace. The user, handler or receiver must ensure that the necessary mitigating measures are in place with respect to health and safety. This does not substitute the need or requirement for any relevant risk assessments to be conducted. It further remains the responsibility of the receiver, handler or user to communicate such information to all relevant parties that may be involved in the receipt, use or handling of this product.

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