

## SAFETY DATA SHEET

## Jensen Shine

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

## 1.1. Product identifier

## Trade name

Jensen Shine

## Product no.

61

## 1.2. Relevant identified uses of the substance or mixture and uses advised against

## Relevant identified uses of the substance or mixture

All round cleaner for shiny, hard surfaces

## ▼ Use descriptors (UK REACH)

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	Description
PC35	Washing and Cleaning Products (including solvent based products)
Process category	Description
PROC10	Roller application or brushing
Environmental release category	Description
ERC8a	Wide dispersive indoor use of processing aids in open systems

## Uses advised against

No special

## 1.3. Details of the supplier of the safety data sheet

## Company and address

**Iduna A/S**

Blokken 25

3460 Birkerød

Denmark

+45 4581 8066

www.iduna.dk

## Contact person

Nazanin Beizaei

## E-mail

nb@iduna.dk

## Revision

17/08/2022

## SDS Version

3.0

## Date of previous version

18/07/2022 (2.0)

## 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Eye Dam. 1; H318, Causes serious eye damage.

### 2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes serious eye damage. (H318)

Safety statement(s)

General

-

Prevention

Wear eye protection/protective clothing. (P280)

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage

-

Disposal

-

Hazardous substances

nonionic surfactant

▼ Additional labelling

Not applicable

### 2.3. Other hazards

▼ Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
nonionic surfactant	CAS No.: 160875-66-1 EC No.: 605-450-7 UK-REACH: Index No.:	10-15%	Acute Tox. 4, H302 Eye Dam. 1, H318	
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6	3-5%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 (SCL: 50.00 %)	

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

UK-REACH:				
Index No.: 603-002-00-5				
propan-2-ol isopropyl alcohol isopropanol	CAS No.: 67-63-0 EC No.: 200-661-7 UK-REACH: Index No.: 603-117-00-0	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Diphenyl ether	CAS No.: 101-84-8 EC No.: 202-981-2 UK-REACH: Index No.:	<0.0015%	Skin Irrit. 2, H315 Aquatic Chronic 2, H411	[1]

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit

#### ▼ Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

5% - 15%

- Non-ionic surfactants
- < 5%
- Amphoteric surfactants
- Essential oil
- Perfumes

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

#### ▼ Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 30 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

#### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Not applicable

### 4.2. Most important symptoms and effects, both acute and delayed

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or

aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

##### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Not applicable

#### 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>).

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

#### 6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

##### Recommended storage material

Always store in containers of the same material as the original container.

##### Storage temperature

> 0°C

##### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Ethanol

Long term exposure limit (8 hours) (ppm): 1000  
 Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1920

#### propan-2-ol isopropyl alcohol isopropanol

Long term exposure limit (8 hours) (ppm): 400  
 Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 999  
 Short term exposure limit (15 minutes) (ppm): 500  
 Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 1250

#### Diphenyl ether

Long term exposure limit (8 hours) (ppm): 1  
 Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 7  
 Short term exposure limit (15 minutes) (ppm): 2  
 Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 14

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
 EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### DNEL

#### Ethanol

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	343 mg/kg/bw/day
Long term – Systemic effects - Workers	Inhalation	950 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	1900 mg/m <sup>3</sup>

#### propan-2-ol isopropyl alcohol isopropanol

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Inhalation	500 mg/m <sup>3</sup>

### PNEC

#### Ethanol

Route of exposure	Duration of Exposure	PNEC
Freshwater		0,96mg/l
Freshwater sediment		3,6 mg/kg dw
Intermittent release		2,75 mg/l
Marine water		0,79 mg/l
Marine water sediment		2,9 mg/kg dw
Sewage treatment plant		580 mg/l
Soil		0,63 mg/kg

#### propan-2-ol isopropyl alcohol isopropanol

Route of exposure	Duration of Exposure	PNEC
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Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

Freshwater	140,9 mg/l
Freshwater sediment	522 mg/kg
Marine water	140,9 mg/l
Marine water sediment	552 mg/kg
Sewage treatment plant	2251 mg/l
Soil	28 mg/kg

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements

## Individual protection measures, such as personal protective equipment

### Generally


Use only UKCA marked protective equipment.

### Respiratory Equipment

No specific requirements

### Skin protection

Recommended	Type/Category	Standards
Dedicated work clothing should be worn.	-	-




### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
No specific requirements	-	-	-

### Eye protection

Type	Standards
Safety glasses with side shields.	EN166



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

▼ Physical state

Liquid

Colour

Blue

▼ Odour / Odour threshold

Pleasant

pH

10,7 +/-1

▼ pH in solution

7,7 (2%)

Density (g/cm<sup>3</sup>)

1 (20 °C)

▼ Kinematic viscosity

Testing not relevant or not possible due to nature of the product.

▼ Particle characteristics

Does not apply to liquids.

Phase changes

▼ Melting point/Freezing point (°C)

Testing not relevant or not possible due to nature of the product.

▼ Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to nature of the product.

Vapour pressure

Testing not relevant or not possible due to nature of the product.

▼ Relative vapour density

Testing not relevant or not possible due to nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to nature of the product.

Ignition (°C)

Testing not relevant or not possible due to nature of the product.

Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

▼ Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to nature of the product.

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

9.2. Other information

▼ Other physical and chemical parameters

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

No special

#### 10.4. Conditions to avoid

No special

#### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

##### Acute toxicity

Product/substance	nonionic surfactant
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	200-2000 mg/kg ·
Other information	

Product/substance	Ethanol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	7060 mg/kg ·
Other information	

Product/substance	Ethanol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD lo
Result	20 gram/kg ·
Other information	

Product/substance	Ethanol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	2000 ppm 10H ·
Other information	

Product/substance	propan-2-ol isopropyl alcohol isopropanol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	5045 mg/kg ·
Other information	

Product/substance	propan-2-ol isopropyl alcohol isopropanol
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Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	12800 mg/kg ·
Other information	

Product/substance	propan-2-ol isopropyl alcohol isopropanol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	16000 mg/l ·
Other information	

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Causes serious eye damage.

#### Respiratory sensitisation

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

### 11.2 Information on other hazards

#### ▼ Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

#### ▼ Endocrine disrupting properties

No special

#### ▼ Other information

Ethanol has been classified by IARC as a group 1 carcinogen.

propan-2-ol isopropyl alcohol isopropanol has been classified by IARC as a group 3 carcinogen.

## SECTION 12: Ecological information

### 12.1. Toxicity

Product/substance	nonionic surfactant
Test method	
Species	Fish
Compartment	

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

Duration	96 hours
Test	LC50
Result	10-100 mg/l ·
Other information	

Product/substance	nonionic surfactant
Test method	
Species	Daphnia
Compartment	
Duration	72 hours
Test	EC50
Result	1-10 mg/l ·
Other information	

Product/substance	propan-2-ol isopropyl alcohol isopropanol
Test method	
Species	Algae
Compartment	
Duration	24 hours
Test	EC50
Result	1000000 ug/l ·
Other information	

Product/substance	propan-2-ol isopropyl alcohol isopropanol
Test method	
Species	Fish
Compartment	
Duration	48 hours
Test	LC50
Result	1400000 ug/l ·
Other information	

## 12.2. Persistence and degradability

Product/substance	nonionic surfactant
Biodegradable	Yes
Test method	OECD 301 B
Result	>60%

## 12.3. Bioaccumulative potential

Product/substance	propan-2-ol isopropyl alcohol isopropanol
Test method	
Potential bioaccumulation	No
LogPow	0.0500
BCF	No data available
Other information	

## 12.4. Mobility in soil

propan-2-ol isopropyl alcohol isopropanol  
 LogKoc = 0.117995, High mobility potential.

## 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

#### ▼ 12.6. Endocrine disrupting properties

No special

#### ▼ 12.7. Other adverse effects

No special

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

#### EWC code

20 01 15\* Alkalines

#### Specific labelling

Not applicable

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable

#### ▼ 14.7. Maritime transport in bulk according to IMO instruments

No data available

### SECTION 15: Regulatory information

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

##### Restrictions for application

Restricted to professional users.

##### Demands for specific education

No specific requirements

##### SEVESO - Categories / dangerous substances

Not applicable

##### Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. 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.

##### Sources

The Management of Health and Safety at Work Regulations 1999

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as

retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

#### 15.2. Chemical safety assessment

No

#### ▼ SECTION 16: Other information

##### Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.  
H302, Harmful if swallowed.  
H315, Causes skin irritation.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H336, May cause drowsiness or dizziness.  
H411, Toxic to aquatic life with long lasting effects.

##### The full text of identified uses as mentioned in section 1

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
PROC10 = Roller application or brushing  
PC35 = Washing and Cleaning Products (including solvent based products)  
ERC8a = Wide dispersive indoor use of processing aids in open systems

##### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### ▼ The safety data sheet is validated by

NB

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en