

CASTANOVA

According to REACH Regulation (EC) No 1907/2006 (REACH) 1272/2008 (CLP) & 2020/878

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name CASTANOVA
 CAS No. Not applicable.
 EC No. Not applicable.
 UFI W800-UORP-T00A-1DD0
 REACH Registration No. Not known.

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

Identified Use(s) Foundry moulding sand.
 Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheet

Manufacturer & Supplier
 Company Identification CASTANOVA
 Address of Manufacturer

Postal code
 Telephone:
 E-mail
 Office hours

1.4 Emergency telephone number

Emergency Phone No. 111
 Contact NHS DIRECT

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Eye Irrit. 2 Causes serious eye irritation.
 Skin Irrit. 2 :Causes skin irritation.

2.2 Label elements

Product Name CASTANOVA

Hazard Pictogram(s)



Signal Word(s)

Warning.

Hazard Statement(s)

H315: Causes skin irritation.
 H319: Causes serious eye irritation.

Precautionary Statement(s)

P264: Wash hands and exposed skin thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352: IF ON SKIN: Wash with plenty of water.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P337+P313: If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

None known.

2.4 Additional Information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
PROPYLENE CARBONATE	108-32-7	203-572-1	<2	H319 Eye Irrit. 2	GHS07



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SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash affected skin with plenty of water. If skin irritation occurs: Get medical advice/attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse out mouth and then drink plenty of water. Do not induce vomiting. In case of persistent symptoms consult doctor.

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary, treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture.

Non-combustible. May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Wear self-contained breathing apparatus. As appropriate for surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid dust generation. Do not breathe dust. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

This material and its container must be disposed of in a safe way.

6.3 Methods and material for containment and cleaning up.

Sweep spilled substances into containers for disposal or recovery.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes, skin & clothing. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities.

Storage temperature Do not store at temperatures below 10°C.

Storage conditions Store covered in a cool, dry environment.
Protect from direct sunlight.
Keep bags tightly closed.

Incompatible materials Strong oxidizing agents.

7.3 Specific end use(s)

If you require advice on specific uses, please contact your supplier.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits No Occupational Exposure Limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

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8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

Normally no personal respiratory protection is necessary.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid. Colour: reddish brown.
Odour	Slight smell of mineral oil.
Ph	Neutral#.
Boiling point/boiling range	Not known.
Flash point	approx. 270 °C #
Flammability	Non-combustible.
Ignition temperature	Non-combustible.
Explosive properties	Product does not present an explosion hazard.
Density at 20°C	approx. 1,7g/cm.
Solubility(ies)	Solubility (Water): No. Solubility (Other): Not known.
Partition coefficient (n-octanol/water)	Not known.
Oxidising properties	Not known

9.2 Other information

Values are based on mineral oil

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid.

Extremes of temperature and sunlight.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon monoxide (CO) and Carbon dioxide (CO₂) and irritating vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Low acute toxicity
Acute toxicity - Skin Contact	Low acute toxicity
Acute toxicity - Inhalation	Low acute toxicity
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	Not classified.



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Lactation Not classified.
STOT - single exposure Not classified.
STOT - repeated exposure Not classified.
Aspiration hazard Not classified.

11.2 Other information

11.2.1 Endocrine disrupting properties Not applicable.

11.2.2 Information on other hazards Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates Low toxicity to invertebrates.
Toxicity - Fish Low toxicity to fish.
Toxicity - Algae Low toxicity to algae.
Toxicity - Sediment Compartment Not classified.
Toxicity - Terrestrial Compartment Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not applicable.

12.5 Results of PBT and vPvB assessment

Not classified as a PBT or vPvB.

12.6 Endocrine disrupting properties

Based on available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environment effects under evaluation.

12.7 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Maritime transport in bulk according to IMO instruments

Not known

SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH Authorisation List (Annex XIV) list of substances subject to authorisation Not listed

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REACH RESTRICTIONS LIST (ANNEX XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.	Propylene Carbonate (108-32-7)
Regulation (EC) No 850/2004 OF THE European parliament and Council on persistent organic pollutants.	Not listed
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	Not listed
Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed
National regulations	
Other	Not known.
15.2 Chemical Safety Assessment	A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



Hazard classification

Eye Irrit. 2 Causes serious eye irritation.
Skin Irrit. 2: Causes skin irritation.

Hazard Statement(s)

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.

Precautionary Statement(s)

P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see Medical Advice on this label).
P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Revision comments

Section 1: (1.1) Added UFI

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