



SAFETY DATA SHEET

Global multi-region format (EU/UK/US/CA & other GHS jurisdictions)

Prepared in accordance with:

- Regulation (EC) No 1907/2006 (REACH) as amended by Commission Regulation (EU) 2020/878
- Regulation (EC) No 1272/2008 (CLP) and GB CLP Regulation (UK REACH)
- OSHA Hazard Communication Standard, 29 CFR 1910.1200 (US)
- Hazardous Products Regulations (HPR 2015, WHMIS) (Canada)
- UN GHS as implemented in other jurisdictions

Product name: **EASYPURGE APC**

Revision date: 20.01.2025

Version: 1.1 (Global multi-region – EU/UK/US/CA)

Date of print: 23.01.2025

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

1.1 Product identifier

Trade name: EASYPURGE APC

Product form: Mixture (concentrated aqueous emulsion)

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

Identified uses

Purging compound for injection and extrusion moulding machines. Industrial/professional use only.

EASYPURGE

ACTIVE PURGING COMPOUND

Uses advised against

- Consumer use.
- Any use not expressly indicated by the manufacturer.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier:

Qootzeer Innovation Lab S.L.

Av. Real de Pinto 162, Factoría Industrial de Villaverde N6

28021 Madrid

Spain

Telephone: +34 685 632 435

General e-mail: info@easypurge.es

E-mail of competent person for SDS: juanromano@easypurge.es

1.4 Emergency telephone number

Company emergency number (office hours):

+34 685 632 435

EU (Spain): Servicio de Información Toxicológica (SIT): +34 91 562 04 20 (24 h – for use by health professionals; check local requirements).

UK/US/CA/other countries: In case of emergency, contact your local poison centre or emergency medical service and provide this SDS.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 (CLP) / GB CLP / OSHA HCS / WHMIS (GHS):

This mixture is not classified as hazardous to health or the environment.

2.2 Label elements

GHS / CLP label:

Pictograms: None

Signal word: None

Hazard statements: Not applicable (no classification).

Precautionary statements (recommended):

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves / eye protection when handling hot material.

2.3 Other hazards

The mixture does not meet the criteria for PBT or vPvB according to Annex XIII of REACH.

Based on available information, the mixture does not contain substances identified as having endocrine disrupting properties for humans or the environment at ≥ 0.1 % w/w.

Contact with hot material may cause thermal burns.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is a mixture.

EASYPURGE

ACTIVE PURGING COMPOUND

3.2 Mixtures

Description of the mixture

Concentrated, water-based emulsion purging compound. Does not contain components classified as hazardous to health or the environment at levels requiring declaration under CLP / GHS.

The formula includes special additives considered confidential; therefore, detailed composition is withheld in accordance with trade secret provisions in OSHA 29 CFR 1910.1200 (i) and equivalent GHS regulations.

All components are reported to be:

- Listed in "indirect additives used in food contact" or classified as "Generally Recognized As Safe (GRAS)" by the US FDA, and
- Listed in the TSCA inventory and REACH inventory (or otherwise covered).

The mixture does not contain:

- Any substance classified as hazardous under CLP / GHS at or above cut-off limits.
- Any SVHC \geq 0.1 % (w/w) to the best of current knowledge.
- Any identified PBT/vPvB or endocrine disruptors at or above 0.1 % (w/w).

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

If symptoms persist or in case of doubt, seek medical attention and show this SDS.

After inhalation

EASYPURGE

ACTIVE PURGING COMPOUND

Under normal use, inhalation of significant amounts is not expected.

Remove person to fresh air and keep comfortable for breathing.

If symptoms occur, get medical advice.

After skin contact

With product at ambient temperature: Wash skin with soap and water; remove contaminated clothing.

With melted polymer / hot material: Do not pull off solidified material from the skin. Cool with plenty of water and seek immediate medical attention. Treat as a burn.

After eye contact

Rinse cautiously with water for at least 15 minutes, keeping eyelids open.

Remove contact lenses if present and easy to do.

Seek medical attention if irritation persists.

After ingestion

Rinse mouth with water.

Do not induce vomiting.

If large quantities are ingested or if discomfort occurs, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No specific acute effects expected under normal conditions.

Contact with hot material may cause thermal burns.

Mild transient irritation of eyes/skin cannot be excluded in sensitive persons.

EASYPURGE

ACTIVE PURGING COMPOUND

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

For burns or suspected allergic reactions, obtain medical attention.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam, water spray/fog, dry chemical powder, carbon dioxide (CO₂).

Unsuitable extinguishing media

High-pressure water jet may spread the product.

5.2 Special hazards arising from the substance or mixture

In case of fire, decomposition may produce:

Carbon oxides (CO, CO₂)

Nitrogen oxides (NO_x)

Irritating/toxic fumes; formation of traces of other decomposition products cannot be excluded.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing.

Cool exposed containers with water spray.

Contaminated fire-fighting water must be collected and disposed of according to local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Risk of slipping: spilled material can make floors slippery.

Use appropriate personal protective equipment (see Section 8).

Ensure adequate ventilation.

6.2 Environmental precautions

Avoid uncontrolled release to environment.

Prevent entry into drains, surface water and soil, where reasonably practicable.

6.3 Methods and material for containment and cleaning up

Contain spill with absorbent material (sand, earth, universal binder).

Collect mechanically into suitable labelled containers for recovery or disposal.

Clean residues with hot water and suitable detergent.

6.4 Reference to other sections

For personal protection: see Section 8.

For disposal: see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use in adequately ventilated areas.

Avoid unnecessary contact with skin and eyes.

Do not eat, drink or smoke while handling the product.

When processing at high temperatures, avoid contact with molten material and fumes.

7.2 Conditions for safe storage, including any incompatibilities

Store in normally ventilated areas at < 40 °C, in tightly closed original containers.

Protect from freezing and direct sunlight.

Keep away from strong acids.

7.3 Specific end use(s)

Purging compound for injection and extrusion moulding machines.

Follow technical data sheet and application instructions of manufacturer.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No components with EU, UK, US or Canadian occupational exposure limits at levels requiring listing in this section.

8.2 Exposure controls

Engineering controls

Ensure good general ventilation, especially when processing at elevated temperatures.

Provide eyewash stations where splashes into eyes may occur.

Personal protective equipment

Eye/face protection: Safety glasses with side shields (EN 166 or equivalent).

Hand protection: Protective gloves (e.g. nitrile, PVC) for prolonged or repeated contact and when handling hot material.

Skin and body protection: Standard industrial work clothing. Heat-resistant protective clothing if handling molten product.

Respiratory protection: Not normally required. Use suitable respiratory protection if vapours/aerosols are generated and ventilation is inadequate.

Environmental exposure controls

Avoid discharge to drains or environment. Use appropriate containment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid (emulsion)

Colour: White to slightly yellowish

Odour: Mild

Odour threshold: Not determined

Melting point/freezing point: Not determined

Boiling point or initial boiling point and boiling range: Not determined (water-based mixture)

Flammability: Not flammable under normal conditions

Lower/upper explosion limits: Not applicable / no explosive properties known

Flash point: Not applicable (aqueous mixture)

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

pH (20 °C): 7.8 – 9.0

Kinematic viscosity: Not determined

Solubility in water: Soluble / dispersible

Partition coefficient n-octanol/water (log Kow): Not determined

EASYPURGE

ACTIVE PURGING COMPOUND

Vapour pressure: Not determined

Density/relative density: Not determined

Relative vapour density (air = 1): Not determined

Particle characteristics: Not applicable (liquid)

9.2 Other information

Solubility in fats: No data available.

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions are expected if stored and handled as recommended.

10.2 Chemical stability

Stable under normal storage and handling conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Prolonged exposure to high temperatures.

Freezing.

10.5 Incompatible materials

EASYPURGE

ACTIVE PURGING COMPOUND

Strong acids.

10.6 Hazardous decomposition products

No hazardous decomposition products expected under normal storage and use.

In case of fire, see Section 5 for hazardous combustion products.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity: Not expected to be acutely toxic based on available data and composition.

Skin corrosion/irritation: Not expected to be irritating to skin.

Serious eye damage/irritation: Not expected to be irritating to eyes.

Respiratory or skin sensitisation: No sensitising effects known.

Germ cell mutagenicity: No data indicating mutagenic effects; not classified.

Carcinogenicity: No component present at ≥ 0.1 % is listed as carcinogenic or suspected carcinogenic by IARC, ACGIH, NTP or OSHA.

Reproductive toxicity: No data indicating reproductive toxicity; not classified.

STOT – single exposure / repeated exposure: No specific target organ toxicity identified; not classified.

Aspiration hazard: Not classified as an aspiration hazard.

11.2 Information on other hazards

Endocrine disrupting properties: The mixture does not contain substances identified as endocrine disruptors for human health at ≥ 0.1 % (w/w), according to current EU lists.

SECTION 12: Ecological information

12.1 Toxicity

The mixture is not classified as hazardous to the aquatic environment.

No specific ecotoxicity data available; adverse effects are not expected under normal conditions of use.

12.2 Persistence and degradability

No specific data available.

Components are expected to be biodegradable or inherently biodegradable based on their nature and field of use.

12.3 Bioaccumulative potential

No specific data available for the mixture.

Significant bioaccumulation is not expected.

12.4 Mobility in soil

Water-soluble/dispersible; may be mobile in soil.

12.5 Results of PBT and vPvB assessment

Based on available information, the product does not contain substances fulfilling PBT or vPvB criteria as defined in Annex XIII of REACH.

12.6 Endocrine disrupting properties

The mixture does not contain substances identified as having endocrine disrupting properties for the environment at ≥ 0.1 % (w/w).

12.7 Other adverse effects

No other adverse environmental effects are known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product / residues: Dispose of or incinerate in accordance with local, regional and national regulations. Waste code (EWC / state/provincial codes) must be assigned by the end-user based on actual use.

Contaminated packaging: Empty containers may contain residues. Dispose of packaging as for unused product, in compliance with regulations.

SECTION 14: Transport information

14.1 UN number or ID number: Not regulated as dangerous goods.

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 environmentally hazardous for transport.

14.6 Special precautions for user: Transport in closed, properly labelled containers. Protect from freezing and excessive heat.

14.7 Maritime transport in bulk according to IMO instruments: Not intended to be transported in bulk.

Additional modal information:

ADR/RID: Not dangerous goods

AND: Not dangerous goods

IMDG: Not dangerous goods

IATA/ICAO: Not dangerous goods

SECTION 15: Regulatory information

EASYPURGE

ACTIVE PURGING COMPOUND

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

EU / EEA: REACH, CLP (including 2020/878). Mixture not classified as hazardous.

United Kingdom: UK REACH and GB CLP Regulation (GHS-aligned). Not classified.

United States: OSHA HCS 29 CFR 1910.1200 (GHS aligned). All components on TSCA inventory. No SARA 302/313/311/312 hazards identified.

California Proposition 65: Product does not contain listed substances.

Canada: WHMIS/HPR 2015 (GHS aligned). All components on DSL.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture (not required for non-classified mixtures).

SECTION 16: Other information

Indication of changes: SDS reformatted and updated to comply with Regulation (EU) 2020/878 and global multi-region GHS format. Content harmonised with original SDS 1.0 (20.01.2025) without changing the non-hazard classification.

Abbreviations and acronyms: ADR, ADN, ACGIH, CLP, DSL, GHS, HPR, IARC, IMDG, IATA, NTP, OSHA, PBT, vPvB, REACH, SARA, SDS, TSCA, WHMIS, etc.

Further information: This product is for industrial use only. The information in this SDS is based on current knowledge and applies to the product as delivered. It describes safety requirements but does not constitute a guarantee of specific properties. The user is responsible for ensuring compliance with all applicable laws and regulations in each country of use.