

Safety data sheet

Issue date: 17.03.2026

Version 7

Last Revision: 17.03.2026

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

- **1.1 Product identifier**
 - **Product name: A/C EXTENDYE**
 - **Part number:**
399006A, 399006AEU, 399020A, 399020AEU, 499008A, 499108A, B499012A, B499024A
 - **Application of the substance / the mixture** fluorescent dye for refrigeration oil
- **1.3 Details of the supplier of the safety data sheet** CPS Products N.V. Europe
 - **SDS downloadable at:** www.cpsproducts.be
 - **Manufacturer/Supplier:**
CPS Products N.V. Europe
Entrepotstraat 3, Sint-Niklass, 9100
Belgium
Phone: +3232813040
Email: office@cpsproducts.be
Web: www.cpsproducts.be
- **1.4 Emergency telephone number:** European emergency number: 112

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
 - **Labelling according to Regulation (EC) No 1272/2008** Not Applicable
 - **Hazard pictograms** Not Applicable
 - **Signal word** Not Applicable
 - **Hazard statements** Not Applicable
 - **Additional information:**
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**

- **PBT:**

192268-65-8	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives
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- **vPvB:** Not applicable

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Chemical components:**

CAS: 68411-46-1 EINECS: 270-128-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene Acute Tox. 4, H312; Aquatic Chronic 3, H412	2.5-10%
CAS: 192268-65-8 ELINCS: 421-820-9	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives Aquatic Chronic 4, H413 PBT	2.5-10%

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· Other Ingredients

118685-22-6	Decanoic acid, mixed esters with dipentaerythritol, heptanoic acid, isononanoic acid, and octanoic acid	50-100%
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· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures**· 4.1 Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

Generally the product does not irritate the skin.

Wash with plenty of soap and water. Remove contaminated clothing. If skin irritation occurs, get medical attention. Launder contaminated clothing before reuse.

· **After eye contact:**

Rinse cautiously with water. Remove contact lenses, if present and easy to do. Get medical attention if eye irritation develops or persists.

· **After swallowing:** DO NOT INDUCE VOMITING. Get immediate medical attention.

· **Information for doctor:** Treat Symptomatically

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

May cause eye irritation. Symptoms may include discomfort or pain, excessive blinking and tear production, with possible redness and swelling.

See section 11.

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

No further relevant information available.

SECTION 5: Firefighting measures**· 5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO₂, dry chemical, or foam. Water can be used to cool and protect exposed material.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **5.2 Special hazards arising from the substance or mixture** See section 10 for additional information.

· 5.3 Advice for firefighters

· **Protective equipment:**

Recommend wearing self-contained breathing apparatus. Water may cause splattering.

SECTION 6: Accidental release measures**· 6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing.

Particular danger of slipping on leaked/spilled product.

Personal protective equipment must be worn. Avoid contact with skin, eyes or clothing.

· 6.2 Environmental precautions:

In case of seepage into the ground inform responsible authorities.

No special measures required.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

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6.4 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.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Keep containers closed when not in use. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of product. Dispose of packaging or containers in accordance with local, regional, national and international regulations.

- **Information about fire - and explosion protection:** No special measures required.

7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

See section 10 for incompatible materials.

Information about storage in one common storage facility:

Store in a cool dry place in tightly closed containers.

Further information about storage conditions:

Keep container tightly sealed.

Protect from humidity and water.

Protect from heat and direct sunlight.

7.3 Specific end use(s) No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs**68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

Dermal	Workers	0.62 mg/kg bw/day (ATE) (Long Term Exposure - Systemic)
Inhalative	Workers	4.67 mg/m ³ (ATE) (Long Term Exposure - Systemic)

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

8.2 Exposure controls**Personal protective equipment:****General protective and hygienic measures:**

Clean skin thoroughly immediately after handling the product.

Storing food in the working area is prohibited.

The usual precautionary measures for handling chemicals should be followed.

Do not inhale dust / smoke / mist.

Respiratory protection:

Avoid breathing in mist or vapor. Under normal use conditions this is not a breathing hazard.

Prolonged exposure to vapors may cause dizziness and headaches.

Use suitable respiratory protective device only when aerosol or mist is formed.

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· Protection of hands:

Chemical resistant protective gloves (EN 374)

· Eye protection:

Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.

SECTION 9: Physical and chemical properties**· 9.1 Information on basic physical and chemical properties****· General Information****· Appearance:**

- **Form:** Liquid
- **Colour:** Dark brown
- **Odour:** Mineral-oil-like
- **Odour threshold:** Not determined

· pH-value: Not determined**· Change in condition**

- **Melting point/freezing point:** Undetermined
- **Initial boiling point and boiling range:** Undetermined

· Flash point: >200 °C**· Flammability:** Not applicable**· Decomposition temperature:** Not determined**· Ignition temperature:** Product is not selfigniting.**· Explosive properties:** Product does not present an explosion hazard.**· Explosion limits:**

- **Lower:** Not determined
- **Upper:** Not determined

· Vapour pressure: Not determined**· Density:** Not determined

- **Relative density at 20 °C:** 1.0-1.1
- **Vapour density:** Not determined
- **Evaporation rate:** Not determined

· Solubility in / Miscibility with**· water:** Not miscible or difficult to mix.**· Partition coefficient: n-octanol/water:** Not determined

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- **Viscosity:**
 - **Dynamic:** Not determined
 - **Kinematic at 40 °C:** 90 mm²/s

- **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Heat, open flames, sparks.
- **10.5 Incompatible materials:** May react with strong oxidizing materials.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:		
Oral	LD50	>2,000 mg/kg (rat)

68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)

- **Primary irritant effect:**

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

- **Serious eye damage/irritation**

May cause eye irritation. Symptoms may include discomfort or pain, excessive blinking and tear production, with possible redness and swelling.

- **Inhalation:** May cause respiratory tract irritation.

- **Ingestion:** May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

- **Respiratory or skin sensitisation**

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

- **Additional toxicological information:**

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

- **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.

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SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:****68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene**

LC50 (96 h) >100 mg/L (Brachydanio rerio)

· **12.2 Persistence and degradability**

Persistence and Degradability 75.7 (-) (OECD 301B)

· **12.3 Bioaccumulative potential**

Bioaccumulation > 7 (-)

· **12.4 Mobility in soil** No further relevant information available.· **Additional ecological information:**· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· **12.5 Results of PBT and vPvB assessment**· **PBT:**

192268-65-8 reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives

· **vPvB:** Not applicable· **12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations**· **13.1 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.**SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, IMDG, IATA**

Not Regulated

· **14.2 UN proper shipping name**· **ADR, IMDG, IATA**

Not Regulated

· **14.3 Transport hazard class(es)**· **ADR, IMDG, IATA**· **Class**

Not Regulated

· **14.4 Packing group**· **ADR, IMDG, IATA**

Not Regulated

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| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable |
| · UN "Model Regulation": | Not Regulated |

SECTION 15: Regulatory information

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

No UK REACH Annex XVII restrictions
 Contains no UK REACH candidate substance

- **Poisons Act**

- **Regulated explosives precursors**

None of the ingredients is listed.

- **Regulated poisons**

None of the ingredients is listed.

- **Reportable explosives precursors**

None of the ingredients is listed.

- **Reportable poisons**

None of the ingredients is listed.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

SECTION 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.

- **Issue Date:** 27/JAN/2017
- **Contact:** Engineering Department

- **Abbreviations and acronyms:**

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 DNEL: Derived No-Effect Level (UK REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Acute Tox. 4: Acute toxicity – Category 4
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4
· * **Data compared to the previous version altered.**

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