andreia professional

Material Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Europe

Version: 01

Revision: 11.11.2025

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

1.1. Product identifier	
	ALL IN ONE SMART PRIMER
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Identified uses	Cosmetic.
Uses advised against	Manufacture of food products.
1.3. Details of the supplier of the safety data sheet	
Responsible person:	Name: Higicol S.A. Full Address: Rua Santos Dias 1121, Fração X24, 4465-255 Province District and country: S. Mamede de Infesta, Portugal e-mail address of the competent person responsible for the safety data sheet: ines.ferreira@higicol.com
1.4. Emergency telephone number	
	+351 229 758 833 (09h00 – 13h00/14h00-18h00) Outside these slots, contact your national emergency number.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
According to regulation (EC) No 1272/2008:	**Flam. Liq. 2 (H225) - Flammable liquids, Hazard Category 2.** **Skin Sens. 1A (H317) - Sensitisation — Skin, hazard category 1A.** **Eye Irrit. 2 (H319) - Serious eye damage/eye irritation, Hazard Category 2.** **STOT SE 3 (H336) - Specific target organ toxicity — Single exposure, Hazard Category 3, Narcosis.** **Aquatic Chronic 2 (H411) - Long-term (chronic) aquatic hazard, Category 2.** **EUH066** **EUH208**
Important adverse physicochemical, human health and environmental effects:	**Highly flammable liquid and vapour.** **May cause an allergic skin reaction.** **Causes serious eye irritation.** **May cause drowsiness or dizziness.** **Toxic to aquatic life with long lasting effects.** **Repeated exposure may cause skin dryness or cracking.**
2.2. Label elements	
According to regulation (EC) No 1272/2008:	 **Danger!** **H225 Highly flammable liquid and vapour.** **H317 May cause an allergic skin reaction.** **H319 Causes serious eye irritation.** **H336 May cause drowsiness or dizziness.** **H411 Toxic to aquatic life with long lasting effects.** **EUH066 Repeated exposure may cause skin dryness or cracking.** **EUH208 Contains Methacrylic acid, monoester with propane-1,2-diol. May produce an allergic reaction.**

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	Contain: Ethyl acetate; Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate. P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P261 Avoid breathing mist/vapours. P264 Wash affected body parts/ hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection. P302+P352 IF ON SKIN: Wash with plenty of water/soap. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. 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. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P391 Collect spillage. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container to in accordance with local/regional/national/international regulation.
2.3. Other hazards	
	Product does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH (Regulation (EC) No 1907/2006).
	Ecological information: Based on available data the mixture should not contain ingredients considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration of 0.1% or more.
	Toxicological information: Based on available data the mixture should not contain ingredients considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration of 0.1% or more.
See section 11 for more detailed information on health effects and symptoms.	

SECTION 3: Composition/information on ingredients

3.1. Substances	No relevant.
3.2. Mixtures	

Ingredient name (INCI)	INDEX Number	CAS Number	EINECS/ EC Number	Conc. (%)	Classification Regulation (EC) 1272/2008 (CLP)	Type
Ethyl acetate [ETHYL ACETATE]	607-022-00-5	141-78-6	205-500-4	80-90	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	[1] [2] [5]
BIS-HEA POLY(1,4-BUTANEDIOL)-9/IPDI COPOLYMER	N/A	N/A	N/A	10-15	Not classified	
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	607-756-00-6	5888-33-5	227-561-6	1-5	Skin Irrit. 2, H315 Skin Sens. 1A, H317 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	[1]
Methacrylic acid, monoester with propane-1,2-diol [HYDROXYPROPYL METHACRYLATE]	N/A	27813-02-1	248-666-3	<1	Skin Sens. 1, H317 Eye Irrit. 2, H319	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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See section 16 for the full text of the R and H phrases declared above.
Occupational exposure limits, if available, are listed in section 8.
[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit
[3] PBT-substance
[4] vPvB-substance

SECTION 4: First aid measures

4.1. Description of first aid measures	
General advice:	Remove contaminated clothing.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
Skin contact:	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms persist.
Eye contact:	Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if symptoms persist.
Ingestion:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
4.2. Most important symptoms and effects, both acute and delayed	
Eye contact:	Irritating to the eyes. Conjunctivitis, lacrimation, redness and swelling of eyes, watering.
Inhalation:	Harmful if inhaled. Fatigue, drowsiness, cough, pain, unconsciousness.
Skin contact:	Might cause skins sensitization. Irritation, swelling and redness of skin, dermatitis, blistering, skin cracking and/or dryness.
Ingestion:	Harmful if swallowed, abdominal pain.
4.3. Indication of any immediate medical attention and special treatment needed	
Specific treatments:	Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

See section 11 for more detailed information on health effects and symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media	
Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding fire. Carbon dioxide, foam, powder.
Unsuitable extinguishing media:	Do not use full power water jet.
5.2. Special hazards arising from the substance or mixture	
	Hazards from the substance or mixture: In a fire or if heated, a pressure increase will occur and the container may burst. Hazardous combustion products: Decomposition products may include the following materials: carbon dioxide; carbon monoxide; other unidentified organic and inorganic substances. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterways, sewer or drain.
5.3. Advice for firefighters	
	If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect fire-fighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

	During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	
	For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid contact with skin and eyes. Avoid breathing vapour. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. *For emergency responders:* If specialised clothing is required to deal with the spillage, take note of any information in Section "Exposure controls/personal protection" on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2. Environmental precautions	
	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be toxic to the environment if released in large quantities. Collect spillage.
6.3. Methods and material for containment and cleaning up	
	Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Large spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
6.4. Reference to other sections	
	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	
Protective measures:	Put on appropriate personal protective equipment (see Section "Exposure controls/ personal protection"). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene:	Good industrial hygiene practices should be observed. Provide sufficient air exchange and/or exhaust in work rooms. Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working. Take off all contaminated clothing immediately. Use of dispensing equipment is recommended to minimise the risk of skin or eye contact. See also Section 8 for additional information on hygiene measures.
7.2. Conditions for safe storage, including any incompatibilities	
Storage:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Store in well-ventilated area. Keep containers (solvent resistant) closed when not in use. Store away from ignition sources. All equipment should be grounded. Avoid strong oxidizing agents, store in a clean, dry area. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Empty container may retain product residues (vapour or liquid).
7.3. Specific end use(s)	
Industrial sector specific	None available.

solutions:	

SECTION 8: Exposure controls/personal protection

8.1. Control parameters	
Occupational exposure limits:	Limit values are laid down throughout the EU, but each Member State establishes its own national OELs, often going beyond EU legislation. OELs are set by competent national authorities and other relevant institutions. **EU (IOELV):** *ETHYL ACETATE:* Long-term exposure limit, 8-hr TWA reference period: 734 mg/m^3; 200 ppm. Short-term exposure limit, 15-minute reference period: 1468 mg/m^3; 400 ppm. **United Kingdom (EH40):** *ETHYL ACETATE:* Long-term exposure limit, 8-hr TWA reference period: 200 ppm. Short-term exposure limit, 15-minute reference period: 400 ppm. **Latvia (AER, reg.325/2011):** *ETHYL ACETATE:* Long-term exposure limit, 8-hr AER: 200 mg/m^3. **Germany (TRGS-900):** *ETHYL ACETATE:* Long-term exposure limit, 8-hr TWA reference period: 1500 mg/m^3; 400 ppm.
Recommended monitoring procedures:	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.
8.2. Exposure controls	
Appropriate engineering Controls:	Ensure good ventilation/extraction.
Individual protection measures:	
Hygiene measures:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Respiratory protection	 Ensure adequate ventilation. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area.
Eye/face protection:	 Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
Skin protection:	 Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness). Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness). This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

	Wear suitable protective clothing.
Environmental exposure controls:	
	According to available technology.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	
a) Physical state	Liquid.
b) Colour	Transparent.
c) Odour	Not available.
d) Melting point/freezing point	Not available.
e) Initial boiling point and boiling range	> 35°C
f) Flammability	Not available.
g) Lower and upper explosion limit	Ethyl Acetate: 11.0/2.2
h) Flash point	< 23°C
j) Decomposition temperature	Not available.
k) pH	Not applicable**.**
l) Kinematic viscosity	Not available.
m) Solubility (-ies)	Not available.
n) Partition coefficient n-octanol/water (log value)	Not available.
o) Vapour pressure	100 (20°C) (Ethyl Acetate).
p) Density and/or relative density	Not available.
q) Relative vapour density	Not available.
r) Particle characteristics	Not applicable.
9.2. Other information	
Impurity	Not available
Explosive properties	Not available.
Oxidising properties	Not available.
Flammable liquids	Highly flammable liquid and vapour.

SECTION 10: Stability and reactivity

10.1. Reactivity	
	No hazardous reactions if stored and handled as prescribed/indicated.
10.2. Chemical stability	
	Stable under normal conditions.
10.3. Possibility of hazardous reactions	
	Stable under recommended storage conditions. Material WILL NOT undergo hazardous polymerization.
10.4. Conditions to avoid	
	Sun-Light, un-clean conditions to avoid during storage. AVOID Heat, sparks, open flame.
10.5. Incompatible materials	
	Strong acids and strong bases, strong oxidizing agents.
10.6. Hazardous decomposition products	
	Fumes produced when heated to decomposition may include: Toxic carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008				
Acute toxicity	ATE mix (oral/ by inhalation/ derma) calculation: >2000 mg/kg, based on available data, classification criteria not met.			
Mixture/ Ingredient name	**Result**	**Species**	**Dose**	**Exposure**
Ethyl acetate [ETHYL ACETATE]	LD50 Oral	Rat	12.2 mL/kg bw	
	LC50 inhalation	Rat	> 21 mg/L air (analytical)	

	LD50 Dermal	Rabbit	> 16 mL/kg bw	24 h
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	LD50 Oral	Rat	5 750 mg/kg bw	-
	LD50 Dermal	Rabbit	> 3 000 mg/kg bw	-
Methacrylic acid, monoester with propane-1,2-diol [HYDROXYPROPYL METHACRYLATE]	LD50 Oral	Rat	> 2 000 mg/kg bw	-
	LD50 Dermal	Rabbit	> 5 000 mg/kg bw	-

Serious eye damage/irritation	**Eye Irrit. 2, H319 Causes serious eye irritation.**
Mixture/ Ingredient name	**Effect**
Ethyl acetate [ETHYL ACETATE]	Causes serious eye irritation.
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	Category 2B (irritating to eyes).
Methacrylic acid, monoester with propane-1,2-diol [HYDROXYPROPYL METHACRYLATE]	Category 2B (mildly irritating to eyes) based on GHS criteria.
Skin corrosion/irritation	**EUH066 Repeated exposure may cause skin dryness or cracking.**
Mixture/ Ingredient name	**Effect**
Ethyl acetate [ETHYL ACETATE]	Repeated exposure may cause skin dryness or cracking.
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	Category 2B (irritating to skin).
Respiratory or skin sensitisation	**Skin Sens. 1A, H317 May cause an allergic skin reaction**
Mixture/ Ingredient name	**Effect**
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	Category 1A (skin sensitising). Species: Mouse Guideline: OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Methacrylic acid, monoester with propane-1,2-diol [HYDROXYPROPYL METHACRYLATE]	Skin sensitizer.
Germ cell mutagenicity	Based on available data, classification criteria not met.
Carcinogenicity	Based on available data, classification criteria not met.
Reproductive toxicity	Based on available data, classification criteria not met.
STOT-single exposure	**STOT Single Exp. 3, H336 May cause drowsiness or dizziness.**
Mixture/ Ingredient name	**Effect**
Ethyl acetate [ETHYL ACETATE]	Hazard category: Specific target organ toxicity - single exposure category 3 Hazard statement: May cause drowsiness or dizziness. Affected organs: Central Nervous System Route of exposure: inhalation
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	Hazard category: Specific target organ toxicity - single exposure category 3 Hazard statement: May cause respiratory irritation. Affected organs: respiratory tract Route of exposure: inhalation
STOT-repeated exposure	Based on available data, classification criteria not met.
Aspiration hazard	Based on available data, classification criteria not met.
Potential acute health effects	
Eye contact:	Irritating to the eyes.
Inhalation:	Harmful if inhaled.
Skin contact:	Irritating to the skin, might cause skins sensitization.
Ingestion:	May be harmful if ingested.
Symptoms related to the physical, chemical and toxicological characteristics	
Eye contact:	Conjunctivitis, lacrimation, redness and swelling of eyes, watering.
Inhalation:	Fatigue, drowsiness, cough, pain, unconsciousness.

Skin contact:	Irritation, swelling and redness of skin, dermatitis, blistering.
Ingestion:	None known.
Potential chronic health effects:	
Conclusion/Summary	
General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
11.2. Information on other hazards	
Endocrine disrupting properties	
	Based on available data the mixture should not contain ingredients considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration of 0.1% or more.
Other information	
	No additional information is available.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity	**Aquatic Chronic 2, H411 Toxic to aquatic life with long lasting effects.**				
Mixture/ Ingredient name	**Species**	**Water media type**	**Exposure**	**Dose**	**Effect conc.**
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	Danio rerio	freshwater	96 h	LC50	0.704 mg/L
	Daphnia magna	freshwater	21 d	NOEC	0.092 mg/L
	Pseudokirchneriella subcapitata	freshwater	72 h	EC50	1.98 mg/L

12.2. Persistence and degradability

Mixture/ Ingredient name	**CAS no.**	**Degradability**	**Test method/ Guideline**
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	5888-33-5	Not readily biodegradable, but classified as not persistent. Degradation (CO_2 evolution), 28 d: 57%	OECD Guideline 310 (Ready Biodegradability - CO_2 in Sealed Vessels (Headspace Test))

12.3. Bioaccumulative potential

Mixture/ Ingredient name	**Effect**
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	No relevant bioaccumulation potential to aquatic and sediment organisms is expected.

12.4. Mobility in soil

Mixture/ Ingredient name	**Effect**
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate [ISOBORNYL ACRYLATE]	Koc at 20 °C: 3.71

12.5. Results of PBT and vPvB assessment	
	Regarding all available data on biotic and abiotic degradation, bioaccumulation and toxicity it can be stated that the substance does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB).
12.6. Endocrine disrupting properties	
	Based on available data the mixture should not contain ingredients considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration of 0.1% or more.
12.7. Other adverse effects	
	No known significant effects or critical hazards.

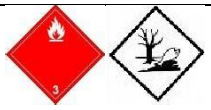
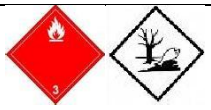
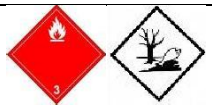
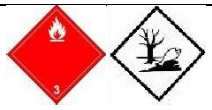
SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Product:	

Methods of disposal:	The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste:	Within the present knowledge of the supplier, this product IS regarded as hazardous waste, as defined by EU regulation 1357/2014.
European waste catalogue (EWC):	20 01 27* paint, inks, adhesives and resins containing dangerous substances
Packaging:	
Methods of disposal:	The generation of waste should be avoided or minimised wherever possible. Special precautions: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Special precautions:	This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

This **preparation is classified** as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).
International transport regulations:

	ADR/RID	**ADN**	**IMDG**	**IATA**
14.1. UN number or ID number	UN3082	UN3082	UN3082	UN3082
14.2. UN proper shipping name	PERFUMERY PRODUCTS with flammable content (Ethyl acetate).			
14.3. Transport hazard class(es)	 3 (9)	 3 (9)	 3 (9)	 3 (9)
14.4. Packing group	II	II	II	II
14.5. Environmental hazards	Yes	Yes	Yes	Yes
14.6. Special precautions for user	Limited quantities: 5L Exempted quantities: Inner package: 30 mL Outer package: 500 mL	Limited quantities: 5L Exempted quantities: Inner package: 30 mL Outer package: 500 mL	Not viscous product as per IMDG code 2.3.2.5. Limited Quantity: 5l/30kg (gross). Certified packing: Internal packing metal, glass, plastic. External packing: Cartoon 4G. Flash point : -5°C	353 (Passenger) - Maximum Quantity 5l 364 (Cargo) - Maximum Quantity 60l
Other information	For information on **limited quantities** see section 3.4. and for the list of relevant provisions see 3.4.1. of ADR regulation. For information on **excepted quantities** see section 3.5. and for the list of relevant provisions see 3.5.1.1. of ADR regulation.	For information on **limited quantities** see section 3.4. and for the list of relevant provisions see 3.4.1. of RID regulation. For information on **excepted quantities** see section 3.5. and for the list of relevant provisions see 3.5.1.1. of RID regulation.	-	-
14.7. Maritime transport in bulk according to IMO instruments	Not applicable.			

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures. ADR - the European Agreement concerning the International Carriage of Dangerous Goods by Road, concluded at Geneva on 30 September 1957, as amended. RID - the Regulations concerning the International Carriage of Dangerous Goods by Rail, appearing as Appendix C to the Convention concerning International Carriage by Rail (COTIF) concluded at Vilnius on 3 June 1999, as amended. ADN - the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways concluded at Geneva on 26 May 2000, as amended. IMDG Code - International Maritime Dangerous Goods Code. IATA/ICAO: ICAO - International Civil Aviation Organization. IATA - International Air Transport Association. MARPOL 73/78 - International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. COUNCIL DIRECTIVE 1999/13/EC of 11 March 1999 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations, with amendments (2004/42/CE). The subcategory of the product: Two-pack performance coatings, solvent base, VOC content limit values <500 g/L. DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste, with amendments. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH):	
Annex XIV - List of substances subject to authorization:	Substances of very high concern: None of the components are listed.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:	Not applicable.
15.2. Chemical safety assessment	
	A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms:	
Full text of abbreviations	CLP: Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008] ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road RID: International Rule for Transport of Dangerous Substances by Railway IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association CAS: Chemical Abstracts Service EINECS: European Inventory of Existing Commercial Chemical Substances LC50: Median lethal concentration LD50: Median lethal dose REACH: Registration, Evaluation and Authorisation of Chemicals PBT: Persistent, bio-accumulative and toxic vPvB: Very persistent, very bio-accumulative
Full text of classifications and H statements [CLP/ GHS]:	Flam. Liq. 2, Flammable liquids, Hazard Category 2; H225 Highly flammable liquid and vapour. Skin Irrit. 2, Skin corrosion/ irritation, Hazard Category 2; H315 Causes skin irritation. Skin Sens. 1, 1A, Sensitisation — Skin, hazard category 1, 1A; H317 May cause an allergic skin reaction. Eye Irrit. 2, Serious eye damage/eye irritation, Hazard Category 2; H319 Causes serious eye irritation. STOT SE 3, Specific target organ toxicity — Single exposure, Hazard Category 3, Respiratory tract irritation; H335 May cause respiratory irritation. STOT SE 3, Specific target organ toxicity — Single exposure, Hazard Category 3, Narcosis; H336 May cause drowsiness or dizziness. Aquatic Acute 1, Short-term (acute) aquatic hazard — Acute Hazard, Category 1; H400 Very toxic to aquatic life. Aquatic Chronic 1, Long-term (chronic) aquatic hazard, Category 1;

	H410 Very toxic to aquatic life with long lasting effects. Aquatic Chronic 2, Long-term (chronic) aquatic hazard, Category 2; H411 Toxic to aquatic life with long lasting effects. EUH066 Repeated exposure may cause skin dryness or cracking. EUH208 Contains <name of sensitising substance>. May produce an allergic reaction.
Classification system	**Classification for health effects:** conventional (calculation) method is used or generic/specific concentration limits: Skin Sens. 1A, H317 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066 EUH208 **Classification for physico-chemical effects:** Not applicable. **Classification for environmental effects:** conventional (calculation) method is used. Aquatic Chronic 2, H411
Training advice:	
	In addition to health, safety and environmental training programs for their workers, companies must ensure that workers read, understand and apply the requirements of this SDS.
Used literature:	
	European Chemical Agency's homepage (http://echa.europa.eu/). Safety data sheets of individual components.
DISCLAIMER OF LIABILITY:	
	The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

END OF SAFETY DATA SHEET