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Anti-Dry Fluid Aerosol

(TNL 1480)

1. Identification of the substance/preparation and of the company/undertaking

Product name: Anti-dry Fluid Aerosol, Antiskin spray

Product code: 1480

Relevant identified uses of the substance or mixture:

Antioxidation agent for printing inks

Company name: FUJIFILM Belgium NV
Europark—Noord 21-22
9100 Sint—Niklaas
Belgium

Tel: 0032 3760 0200

Email: ehs@fujifilm.eu

2. Hazards identification

2.1. Classification of the substance or mixture

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container. May burst if heated.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 2 H411 toxic to aquatic life with long lasting effects.

F+; Extremely flammable.

R12: Extremely flammable.

R66: Repeated exposure may cause skin dryness or cracking.

INFORMATION CONCERNING PARTICULAR HAZARDS FOR HUMAN AND ENVIRONMENT:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version. At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent. Warning! Pressurised container.

CLASSIFICATION SYSTEM: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2. Label elements:

Label in accordance with to Regulation (EC) No 1272/2008: The product is classified and labelled according to the CLP regulation.



GHS02 GHS08 GHS09

Signal word Danger

Contains Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics.

Hazard Statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
 H304 May be fatal if swallowed and enters airways.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P251 Do not pierce or burn, even after use.
 P211 Do not spray on an open flame or other ignition source.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P331 Do NOT induce vomiting.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Additional Information:

EUH066 Repeated exposure may cause skin dryness or cracking.
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.
 Do not pierce or burn, even after use.
 Do not spray on a naked flame or any incandescent material.
 Keep away from sources of ignition.
 No smoking.
 84.0 % by mass of the contents are flammable
 Keep out of the reach of children.
 Other Hazards:
 Results of PBT and VPVB assessment
 PBT: Not applicable.
 VPVB: Not applicable.

2.3. Other hazards

3. Composition/information on ingredients

3.1. Substances/Mixtures

Dangerous component	Percentage	CAS	EINECS
Naptha (Petroleum), hydrotreated heavily	50-70%	64742-48-9	265-150-3
Xn R65			
R66 Asp. Tox. 1, H304			
Propane	10-15%	74-98-6	200-827-9
F + R12			
Flam. Gas 1, H220; Press. Gas C, H280			
Butane	5-<10%	106-97-8	203-448-7
F + R12			
Flam. Gas 1, H220; Press. Gas C, H280			

Additional Information: For the wording of the listed risk phrases refer to Section16.

4. First aid measures

4.1. Description of first aid measures

Immediately remove any clothing soiled by the product.

Inhalation Supply fresh air; consult doctor in case of complaints.

Ingestion If symptoms persist consult doctor.

Skin content Immediately wash with water and soap and rinse thoroughly.

Eye contact Rinse opened eye for several minutes under running water. Then consult a doctor.

5. Fire-fighting measures

5.1. Extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2. Special hazards arising from the substance or mixture

N/A

5.3. Advice for fire-fighters

No one other than trained fire fighters should attempt to fight fires. Wear fully protective suit. Collect contaminated fire fighting water separately. It must not enter the sewage system.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep unprotected persons away.

6.2. Environmental precautions:

Do not allow to enter sewers/ surface or ground water. Ensure adequate ventilation.

6.3. Methods and material for containment and cleaning up

Absorb on a suitable substrate

6.4. Reference to other sections

7. Handling and storage

7.1. Precautions for safe handling:

Ensure good ventilation/exhaustion at the work place. Open and handle receptacle with care. Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights.

Do not pierce or burn, even after use.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original receptacle. Observe official regulations on storing packaging with pressurised containers. Store in cool, dry conditions in well sealed receptacles. Store away from foodstuffs. Store away from oxidising agents. Protect from frost. Keep container tightly sealed. Do not seal receptacle gas tight.

Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.

8. Exposure controls/personal protection

8.1. Control parameters

Components with occupational exposure limits

Ingredients with limit values that require monitoring at the workplace:

106-97-8 Butane

WEL Short-term value: 1810 mg/m³, 750 ppm

Long-term value: 1450 mg/m³, 600 ppm

Carc (if more than 0.1% of buta-1,3-diene)

Additional Information: The lists valid during the making were used as basis.

8.2 Exposure controls:

Personal protective equipment

Respiratory protection: Not necessary if room is well-ventilated.

Hand protection: Protective gloves. Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials: nitrile rubber (thickness ≥ 0.38 mm, breakthrough time > 480 min).
As protection from splashes gloves made of the following materials are suitable:
For intermittent splash protection corresponding gloves with breakthrough time > 60 min. can be used.
Not suitable are gloves made of the following materials: Natural rubber, NR.

Eye protection: Safety glasses/goggles

Body protection: N/A

8.3 General safety and Hygiene measures:

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not eat or drink while working.

9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Fluid
Colour	colourless
Odour	Characteristic
pH value:	Not determined
Melting point	Not determined
Boiling point (°C)	N/A
Ignition Temperature:	Not determined
Flash point	62°C
Flammability	Flammable.
Explosion limits:	Not determined
Vapour pressure	Not determined
Density at 20°C	0.772g/cm ³
Relative density	Not determined
Vapour density	Not determined

Evaporation rate	N/A
Solubility in water	Insoluble
Viscosity	Not determined
Solvent content: VOC (EC)	83.81%

9.2. Other information

Not self-igniting

10. Stability and reactivity

10.1. Reactivity

No known reactions

10.2. Chemical stability

Stable if used correctly

10.3. Possibility of hazardous reactions

Flammable

10.4. Conditions to avoid

Protect from heat and direct sunlight.

10.5. Incompatible materials

No relevant information available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

11. Toxicological information

Acute toxicity:	No relevant information available.
Irritation	No irritant effect.
Respiratory/skin sensitisation	No sensitising effects known.
Additional toxicological information	May be fatal if swallowed and enters airways.

12. Ecological information

12.1 Toxicity

No relevant information available.

12.2. Persistence and degradability

No relevant information available.

12.3. Bioaccumulative potential

No relevant information available.

12.4. Mobility in soil

No relevant information available.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects/Additional information

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal considerations

13.1. Waste treatment methods

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

EUROPEAN WASTE CATALOGUE

- 16 00 00 Wastes not otherwise specified in the list
- 16 05 00 Gases in pressure containers and discarded chemicals
- 16 05 04* Gases in pressure containers (including halons) containing dangerous substances

Uncleaned Packaging Recommendation: Disposal must be made according to official regulations.

14. Transport information

UN Number: UN1950
UN Proper Shipping name:
ADR: 1950 Aerosols, environmentally hazardous
IMDG: Aerosols
IATA: Aerosols, flammable

Transport hazard class(es):

ADR



Class 2.5F Gases
Label 2.1

IMDG



Class 2.1
Label 2.1

Packing group: Not applicable
Environmental hazards: N/a
Precautions for user: Warning: Gases
EMS Number: F-D, S-U

ADR

Limited quantities (LQ): 1L
Exception Quantities (EQ): Code: E0

Not permitted as Excepted Quantity.

Transport Category: 2

Tunnel Restriction Code: D

IMDG

Limited Quantities (LQ): 1L

Excepted Quantities (EQ) Code: E0

Not permitted as Excepted Quantity.

UN Model regulation, UN1950, Environmentally hazardous, 2.1

15. Regulatory information

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

Directive 2012/18/EU

Named Dangerous Substances- Annex I: None of the ingredients is listed.

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

16. Other information

Relevant phrases:

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

R12 Extremely flammable.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

Creation Date 23.03.2012

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European 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)

VOC: Volatile Organic Compounds (USA, EU)

Flam. Gas 1: Flammable gases, Hazard Category 1

Flam. Aerosol 1: Flammable aerosols, Hazard Category 1

Press. Gas C: Gases under pressure: Compressed gas

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

* Data modified compared to previous version.

The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.