



POWDER SERVICE

SAFETY DATA SHEET

FDPI AEROSOL Z59 - Z15

Review date: 07/05/2021

RE EC/2016-918 - CLP 1272/2008

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Product identifier:

1. 1. 1. Preparation name: FDPIAEROSOL Z59 - Z15
1. 1. 2. Contains:
- n-butyl acetate
 - ethyl acetate
 - Xylène
 - butanone; ethyl methyl ketone
1. 1. 3. UFI: 16-17-24-33-37-61
1. 1. 4. Product code nr: AEROSOL

1. 2. Relevant identified uses of the substance or mixture and uses advised against: Appropriate identified uses : industrial paint for retouching
This information relates to the specific material designated and may not be valid in combination with other product(s).

1. 3. Details of the supplier of the safety data sheet:

PS Sarl
La Sonnerie/Dareizé
F 69490 VINDRY-SUR-TOURDIN
France
Phone: +33 7.49.31.28.30
E-mai : service-client@powder-service.com

1. 4. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131
B - Centre Antipoisons Tél: 070 / 245.245

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: This safety data sheet is in compliance with regulation (CE) 1907/2006 - 1272/2008 and adaptings.

- * Flam. Aerosol 1 / GHS02 - H222 *
- * Pressurised container: May burst if heated / H229 *
- * Skin Irrit. 2 / GHS07 - H315 *
- * Irr. oc. 2 / H319 *
- * Acute Tox. 4 / GHS07 - H332 *
- * STOT SE3 / GHS07 - H336 *
- * STOT RE2 / GHS08 - H373 *
- * Aquatic. Chronic 3 / H412 *

2. 2. Label elements:



Danger

2. 2. 1. Symbol(s) and signal word: .

2. 2. 2. Contains:

- n-butyl acetate
- ethyl acetate
- Xylène
- butanone; ethyl methyl ketone

2. 2. 3. Hazard statement:

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.
H332 Harmful if inhaled.

2. 2. 4. Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P264 Wash thoroughly after handling.



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2. 2. 5. Response:

P280 Wear protective gloves / protective clothing / eye protection / face protection.
P261d Avoid breathing mist.
P271 Use only outdoors or in a well-ventilated area.
P260d Do not breathe mist.
P273 Avoid release to the environment.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321a Specific treatment (see item nr 4.3.).
P332+P313 If skin irritation occurs: Get medical advice / attention.
P362 Take off contaminated clothing.
P364 And wash it before reuse.
P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice / attention.
P304 IF INHALED:
P340 Remove person to fresh air and keep comfortable for breathing.
P312a Call a POISON CENTER / doctor if you feel unwell.
P314 Get medical advice / attention if you feel unwell.

2. 2. 6. Storage:

P410 Protect from sunlight.
P412 Do not expose to temperatures exceeding 50 °C / 122°F.
P403 Store in a well-ventilated place.
P233 Keep container tightly closed.
P405 Store locked up.

2. 2. 7. Disposal:

P501a Dispose of contents / container in accordance with local / regional / national / international regulation

2. 3. Further information(s):

EUH 208 - Contains • 2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime. May produce an allergic reaction. 6

2. 4. Other hazards:

-

3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Component(s) contributing to the hazard:

- n-butyl acetate
 - Id nr: 607-025-00-1 - CE nr: 204-658-1 - CAS nr: 123-86-4
 - REACH registration number : 01-2119485493-29-xxxx
 - Conc. (weight %) : Conc. (% pds) : % 10 < C <= 25
 - GHS (Globally Harmonized System)
 - * GHS02 * Liq. infl. 3 - H226
 - * GHS07 * STOT un. 3. - H336
 - Miscellaneous :
 - DNEL / Workers / Inhalation / Systemic effects, in the long run = 480 mg/m³
 - DNEL / Workers / Inhalation / Acute and long-term local effects = 480 mg/m³
 - PNEC / Marine water = 0.018 mg/l
 - PNEC / Waters fresh = 0.18 mg/l
 - LD50 / Dermal / Rabbit = 14112 mg/kg
 - LD50 / Oral / Rat = 10760 mg/kg
 - LC50 / 96h / Fish = 18 mg/l
 - LC50 / 48h / Bacteria = 356 mg/l
 - LC50 / Inhalation (dust / mist) / 4h / Rat = 23.4 mg/l
 - CE50 / 72h / Algae = 647.7 mg/l
 - CE50 / 48h / Daphnia magna = 44 mg/l
 - Exposure limit values
 - T.L.V. ppm = 150 - T.L.V. mg/m³ = 713 - S.T.E.L ppm = 200 - S.T.E.L mg/m³ = 950
- ethyl acetate
 - Id nr: 607-022-00-5 - CE nr: 205-500-4 - CAS nr: 141-78-6
 - Conc. (weight %) : Conc. (% pds) : % 10 < C <= 25
 - GHS (Globally Harmonized System)
 - * GHS02 * Liq. infl. 2 - H225

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* GHS07 * STOT un. 3. - H336 * Irr. oc. 2 - H319

- Miscellaneous :

Exposure limit values

T.L.V. ppm = 400 - T.L.V. mg/m³ = 1440

• Xylène

- CAS nr: .1330-20-7

- REACH registration number : 01-2119488216-32-xxxx

- Conc. (weight %) : Conc. (% pds) : % 10 < C <= 25

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 3 - H226

* GHS07 * Tox. aiguë 4 - H312 - H332 * STOT un. 3 - H335

* GHS08 * STOT rép. 2 - H373 * Tox. asp. 1 - H304 * Irr. cut. 2 - H315 * Irr. oc. 2 - H319

* Tox. aq. chron. 3 - H412

• butanone; ethyl methyl ketone

- Id nr: 606-002-00-3 - CE nr: 201-159-0 - CAS nr: 78-93-3

- REACH registration number : 01-2119457290-43-xxxx

- Conc. (weight %) : Conc. (% pds) : % 1 < C <= 3

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 2 - H225

* GHS07 * STOT un. 3. - H336 * Irr. oc. 2 - H319

- Miscellaneous :

DNEL / Workers / Inhalation = 600 mg/m³

DNEL / Workers / Dermal = 1161 mg/kg

PNEC / Waters fresh = 55.8 mg/l

PNEC / Marine water = 55.8 mg/l

LD50 / Dermal / Rabbit = 6400-8000 mg/kg

LD50 / Oral / Rat = 3300 mg/kg

LC50 / 96h / Fish = 2293 mg/l

CE50 / 48h / Daphnia magna = 308 mg/l

CEr50 / 96h / Pseudokirchneriella subcapita = 2029 mg/l

Exposure limit values

T.L.V. ppm = 200 - T.L.V. mg/m³ = 600 - S.T.E.L ppm = 300 - S.T.E.L mg/m³ = 900

• solvant naphta aromatique léger (Note de classification conforme à l'annexe VI du règlement CLP :P)

- CE nr: 918-668-5 - CAS nr: .64742-95-6

- REACH registration number : 01-2119455851-35-xxxx

- Conc. (weight %) : Conc. (% pds) : % 1 < C <= 3

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 3 - H226

* GHS07 * STOT un. 3. - H336 - H335

* GHS08 * Tox. asp. 1 - H304

* GHS09 * Tox. aq. chron. 2 - H411

- Miscellaneous :

DNEL / Workers / Inhalation / Systemic effects, in the long run = 150 mg/m³

DNEL / Workers / Dermal / Systemic effects, in the long run = 11 mg/kg

PNEC / Waters fresh = 0.327 mg/l

LE50 / 72h / Algae = 2.6 mg/l

LE50 / 48h / Daphnia magna = 3.2 mg/l

LL50 / 96h / Oncorhynchus mykiss = 9.2 mg/l

LD50 / Dermal / Rabbit = 3160 mg/kg

LD50 / Oral / Rat = 3592 mg/kg

LC50 / Inhalation (vapours) / 4h / Rat = 27124 mg/m³

• Ethylbenzène

- CAS nr: .100-41-4

- Conc. (weight %) : Conc. (% pds) : % 1 < C <= 3

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 2 - H225

* GHS07 * Tox. aiguë 4 - H332

* GHS08 * STOT rép. 2 - H373 * Tox. asp. 1 - H304

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* Tox. aq. chron. 3 - H412

• 2-methoxy-1-methylethyl acetate

- Id nr: 607-195-00-7 - CE nr: 203-603-9 - CAS nr: 108-65-6

- REACH registration number : 01-2119475791-29-XXXX

- Conc. (weight %) : Conc. (% pds) : % 0,29 < C <= 1

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 3 - H226

- Miscellaneous :

DNEL / Workers / Inhalation / Systemic effects, in the long run = 275 mg/m³

DNEL / Workers / Dermal / Systemic effects, in the long run = 153.5 mg/kg

PNEC / Marine water = 0.0635 mg/l

PNEC / Waters fresh = 0.635 mg/l

LD50 / Dermal / Rat = 2000 mg/kg

LD50 / Oral / Rat = 5000 mg/kg

LC50 / 96h / Oncorhynchus mykiss = 134 mg/l

LC50 / Inhalation (vapours) / 6h / Rat = 4345 ppm

CE50 / 72h / Algae = 1000 mg/l

CE50 / 48h / Daphnia magna = 500 mg/l

Exposure limit values

T.L.V. ppm = 50 - T.L.V. mg/m³ = 275 - S.T.E.L ppm = 100 - S.T.E.L mg/m³ = 550

• 2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime

- Id nr: 616-014-00-0 - CE nr: 202-496-6 - CAS nr: 96-29-7

- Conc. (weight %) : Conc. (% pds) : % 0,29 < C <= 1

- GHS (Globally Harmonized System)

* GHS07 * Tox. aiguë 4 - H312 * Sens. cut. 1 - H317

* GHS05 * Lés. oc. 1 - H318

* GHS08 * Canc. 2 - H351

• Hydrocarbures C9, aromatiques

- CAS nr: .64742-95-6

- Conc. (weight %) : Conc. (% pds) : % 0,29 < C <= 1

- GHS (Globally Harmonized System)

* GHS02 * Liq. infl. 3 - H226

* GHS07 * STOT un. 3 - H335-H336

* GHS08 * Tox. asp. 1 - H304

* GHS09 * Tox. aq. chron. 2 - H411

• 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve

- Id nr: 603-014-00-0 - CE nr: 203-905-0 - CAS nr: 111-76-2

- Conc. (weight %) : Conc. (% pds) : % 0 < C <= 0,29

- GHS (Globally Harmonized System)

* GHS07 * Tox. aiguë 4 - H302 - H312 - H332 * Irr. cut. 2 - H315 * Irr. oc. 2 - H319

- Miscellaneous :

DNEL / Workers / Inhalation / Systemic effects, in the long run = 98 mg/m³

DNEL / Workers / Inhalation / Systemic acute effects = 663 mg/m³

DNEL / Workers / Inhalation / Acute and long-term local effects = 246 mg/m³

DNEL / Workers / Dermal / Systemic effects, in the long run = 75 mg/kg

DNEL / Workers / Dermal / Systemic acute effects = 89 mg/kg

PNEC / Waters fresh = 8.8 mg/l

PNEC / Marine water = 0.88 mg/l

No-observed-effect level (NOEL) / Fish = 100 mg/l

LD50 / Dermal / Guinea-pig = 2000 mg/kg

LD50 / Oral / Rat = 1746 mg/kg

LC50 / 96h / Oncorhynchus mykiss = 1474 mg/l

CE50 / 72h / Pseudokirchneriella subcapita = 1840 mg/l

CE50 / 24h / Bacteria = 700 mg/l

CE50 / 48h / Daphnia magna = 1550 mg/l

Exposure limit values

T.L.V. ppm = 20 - T.L.V. mg/m³ = 98 - S.T.E.L ppm = 50 - S.T.E.L mg/m³ = 246

• ethylbenzene



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- Id nr: 601-023-00-4 - CE nr: 202-849-4 - CAS nr: 100-41-4
- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 0,29
- GHS (Globally Harmonized System)
* GHS02 * Liq. infl. 2 - H225
* GHS07 * Tox. aiguë 4 - H332
* GHS08 * STOT rép. 2 - H373 * Tox. asp. 1 - H304
- Miscellaneous :
Exposure limit values
T.L.V. ppm = 100 - T.L.V. mg/m³ = 442 - S.T.E.L ppm = 200 - S.T.E.L mg/m³ = 884

• Acide octanoïque, sel de zirconium
- CE nr: 245-018-1 - CAS nr: 22464-99-9
- REACH registration number : 01-2119979088-21
- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 0,29
- GHS (Globally Harmonized System)
* GHS08 * Repr. 2 - H361

• Bis(2-éthylhexanoate) de cobalt
- CE nr: 205-250-6 - CAS nr: 136-52-7
- REACH registration number : 01-2119524678-29-XXXX
- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 0,29
- GHS (Globally Harmonized System)
* GHS07 * Sens. cut. 1 - H317 * Irr. oc. 2 - H319
* GHS08 * Repr. 2 - H361
* GHS09 * Tox. aq. aiguë 1 - H400 * Tox. aq. chron. 3 - H412
- Miscellaneous :
LC50 / 72h / Algae = 0.528 mg/l

• BIS(2-ETHYLHEXANOATE) DE CALCIUM
- CAS nr: 135-51-6
- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 0,29
- GHS (Globally Harmonized System)
* GHS05 * Lés. oc. 1 - H318
* GHS08 * Repr. 2 - H361

• Ether méthylique du dipropylène-glycol
- CAS nr: 34590-94-8
- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 0,29
- Miscellaneous :
Exposure limit values
T.L.V. ppm = 50 - T.L.V. mg/m³ = 308

• acétate de 2-méthoxy-1-méthyléthyle
- CAS nr: .108-65-6
- Conc. (weight %) :Conc. (% pds) : % 0 < C <= 0,29
- GHS (Globally Harmonized System)
* GHS02 * Liq. infl. 3 - H226
* GHS07 * STOT un. 3. - H336

The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

4. 1. Description of first aid measures:

4. 1. 1. General advice: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
4. 1. 2. Inhalation: - Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice.
- Artificial respiration and/or oxygen if necessary.



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4. 1. 3. Skin contact:	- Take off immediately all contaminated clothing. - Wash off with soap and plenty of water. - If skin irritation persists, take medical advice.
4. 1. 4. Eye contact:	- Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.
4. 1. 5. Ingestion:	- Do NOT induce vomiting. - Rinse mouth, do not drink anything, keep quiet, and go immediately to hospital or to a doctor.
4. 2. Most important symptoms and effects, both acute and delayed:	
4. 2. 1. Inhalation:	Irritating to the respiratory system, may cause throat pain and cough.
4. 2. 2. Skin contact:	Components of the product may be absorbed into the body through the skin. Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.
4. 2. 3. Eyes contact:	mild eye irritation (pain, redness)
4. 2. 4. Ingestion:	May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Susceptible to induce: oedema of the lungs, heavy breathing difficulty, dizziness
4. 3. Indication of any immediate medical attention and special treatment needed :	In all cases of doubt, or when symptoms persist, seek medical attention.

5. FIREFIGHTING MEASURES

5. 1. Extinguishing media:	dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂), water spray, sand, earth.
5. 2. Special hazards arising from the substance or mixture:	Explosion risks of vapours. Vapours are heavier than air and spread above ground. In case of fire, product decomposes in: carbon oxides (CO and CO ₂) and smokes. Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.
5. 3. Advice for firefighters:	Use a self-contained breathing apparatus and also a protective suit.
5. 4. Specific method(s):	Do not allow run-off from fire fighting to enter drains or water courses.
5. 5. Extinguishing media which must NOT be used for safety reasons:	Do not use water jet.

6. ACCIDENTAL RELEASE MEASURES

6. 1. Personal precautions, protective equipment and emergency procedures:	Evacuate personnel to a safe area. Remove all sources of ignition. Be careful to avoid flashback of fire. Ensure adequate ventilation. Avoid contact with skin, eyes, or clothing. Concerning personal protective equipment to use, see item 8.
6. 2. Environmental precautions:	Stop leak without risks if possible. Dike and contain spill. Do not allow surface water to enter drains and sewers as this will create a potential explosive hazard. If this occurs inform local authorities immediately. Do not allow material to contaminate ground water system. Concerning disposal/elimination after cleaning, see item 13.
6. 3. Methods and material for containment and cleaning up:	Scoop or vacuum spilled material rapidly in a suitable container with an explosion proof or hand pump. Soak up with absorbent material (for example sand, saw dust, neutral absorbent granule, silica gel). Shovel into suitable and closed container for disposal. Dispose as hazardous waste.



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6. 4. Reference to other sections: Concerning personal protective equipment to use, see item 8.

7. HANDLING AND STORAGE

7. 1. Handling:

7. 1. 1. Precautions for safe handling:

Avoid all eyes and skin contact and do not breathe vapour and mist.
Do not eat, drink and do not smoke in areas where product is used.
Wear eye, eye shadow and water point in proximity.
Wear personal protective equipment (see item 8).
Spray with brief pressures without prolonged spray.
By spraying, harmful concentration for health can be reached earlier.

7. 1. 2. Technical condition(s):

Explosion-free electrical equipment and lighting with earth.
Avoid static electricity discharges.
Ventilation along floor.

7. 2. Storage:

7. 2. 1. Conditions for safe storage, including any incompatibilities:

Keep out of the reach of children.
Keep away from open flames, hot surfaces and sources of ignition.
Keep container tightly closed and in a well-ventilated place.
Pressurised container: May burst if heated.

7. 2. 2. Technical condition(s):

Not flammable and waterproof underground retention basin.

7. 2. 3. Storage condition(s):

Store in original container.

7. 2. 4. Packaging / tank material:

made of the same material as the supply container.

7. 3. Specific end use(s):

No available information about the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. 1. Control parameters:

8. 1. 1. Exposure limit(s):

- n-butyl acetate :
T.L.V. ppm = 150 - T.L.V. mg/m³ = 713 - S.T.E.L ppm = 200 - S.T.E.L mg/m³ = 950
- ethyl acetate :
T.L.V. ppm = 400 - T.L.V. mg/m³ = 1440
- butanone; ethyl methyl ketone :
T.L.V. ppm = 200 - T.L.V. mg/m³ = 600 - S.T.E.L ppm = 300 - S.T.E.L mg/m³ = 900
- 2-methoxy-1-methylethyl acetate :
T.L.V. ppm = 50 - T.L.V. mg/m³ = 275 - S.T.E.L ppm = 100 - S.T.E.L mg/m³ = 550
- 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve :
T.L.V. ppm = 20 - T.L.V. mg/m³ = 98 - S.T.E.L ppm = 50 - S.T.E.L mg/m³ = 246
- ethylbenzene :
T.L.V. ppm = 100 - T.L.V. mg/m³ = 442 - S.T.E.L ppm = 200 - S.T.E.L mg/m³ = 884
- Ether méthylique du dipropylène-glycol :
T.L.V. ppm = 50 - T.L.V. mg/m³ = 308

8. 2. Exposure controls:

8. 2. 1. Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas.

8. 2. 2. Eye protection:

safety glasses or face shield

8. 2. 3. Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. (breathing apparatus with filter A)

8. 2. 4. Hand protection:

nitrile rubber gloves

8. 2. 5. Skin and body protection:

solvent-resistant apron and boots



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| 8. 3. Environmental exposure controls: | No available information on product. |
| 8. 4. Hygiene measure(s): | Do not eat, drink, or smoke during work.
Keep away from food, drink and animal feed.
Keep workplace clean and tidy as much as possible. |

9. PHYSICAL AND CHEMICAL PROPERTIES

9. 1. Information on basic physical and chemical properties:

- | | |
|--|--------------------------------------|
| 9. 1. 1. Physical state: | liquid |
| 9. 1. 2. Colour: | various |
| 9. 1. 3. Odour: | ether-like |
| 9. 1. 4. Melting point / freezing point: | No available information on product. |
| 9. 1. 5. Boiling point or initial boiling point and boiling range: | Not determined. |
| 9. 1. 6. Flammability: | very flammable products |
| 9. 1. 7. Lower and upper explosion limit: | Not determined. |
| 9. 1. 8. Flash point: | < 0°C |
| 9. 1. 9. Auto-ignition temperature: | No available information on product. |
| 9. 1. 10. Decomposition temperature: | No available information on product. |
| 9. 1. 11. PH: | Not determined. |
| 9. 1. 12. Solubility: | Not applicable. |
| 9. 1. 13. Partition coefficient n-octanol/water (log value): | No available information on product. |
| 9. 1. 14. Vapour pressure: | No available information on product. |
| 9. 1. 15. Relative vapour density: | No available information on product. |
| 9. 1. 16. Density and/or relative density: | No available information on product. |
| 9. 1. 17. Particle characteristics: | No available information on product. |
| 9. 1. 18. Kinematic viscosity: | Not determined. |
9. 2. Other information:

10. STABILITY AND REACTIVITY

- | | |
|--|--|
| 10. 1. Reactivity: | No available information on product. |
| 10. 2. Chemical stability: | Produced am stable when prescripts / recommendations for the stocking are respected. |
| 10. 3. Possibility of hazardous reactions: | No available information on product. |
| 10. 4. Conditions to avoid: | Do not expose at temperatures above 40°C
Avoid ignition sources. |
| 10. 5. Incompatible materials: | Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction. |
| 10. 6. Hazardous decomposition products: | Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. |

11. TOXICOLOGICAL INFORMATION



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11. 1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

11. 1. 1. General information(s): There is no data available on the product itself.
Periodical medical test is recommended in function of exposition measure.
11. 1. 2. Inhalation: see item nr 3
11. 1. 3. Skin contact: see item nr 3
11. 1. 4. Eyes contact: see item nr 3
11. 1. 5. Ingestion: see item nr 3

11. 2. Information on other hazards: No available information on product.

12. ECOLOGICAL INFORMATION

12. 1. Toxicity: Harmful to aquatic life with long lasting effects.
12. 2. Persistence and degradability: No available information on product.
12. 3. Bioaccumulative potential: No available information on product.
12. 4. Mobility in soil: No available information on product.
12. 5. Results of PBT and vPvB assessment: In accordance with the annex XIII of the regulations CE n°1907 / 2006 concerning REACH: the product does not contain substance meeting (persist) criterion PBT or vPvB criterion (very persistent and very bioaccumulable).
12. 6. Endocrine disrupting properties: No available information on product.
12. 7. Other adverse effects: No available information on product.
12. 8. General information(s): The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

13. DISPOSAL CONSIDERATIONS

13. 1. Waste treatment methods: Collect all waste in suitable and labelled containers and dispose according to local legislation.
Do not dispose of waste into sewer.
Do not pierce or burn, even after use.
If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.
13. 2. Contaminated packaging: Dirty containers cannot be handled as normal waste.

14. TRANSPORT INFORMATION

14. 1. General information(s): Transport followed ADR, IMDG, IATA
14. 2. UN number or ID number: 1950
14. 2. 1. UN proper shipping name: UN 1950=AEROSOLS inflammables
14. 3. Land (Road / Railway: ADR/RID):
14. 3. 1. Transport hazard class(es): 2.1
14. 3. 2. TREM-CARD code: 5F
14. 3. 3. ADR/RID-Labels: 2.1
14. 3. 4. Tunnel restriction code: D/E



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14. 4. Sea (IMDG):

14. 4. 1. Class: 2.1
14. 4. 2. EmS number: F-D, S-U
14. 4. 3. IMDG-Label(s): E0

14. 5. Air (ICAO/IATA):

14. 5. 1. ICAO/IATA class: 2.1

14. 6. Environmental hazards:

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14. 7. Special precautions for user:

No available information on product.

14. 8. Maritime transport in bulk according to IMO instruments:

Not applicable.

15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

1412: Gaz inflammable liquéfiés (stockage en réservoirs manufacturés de), à l'exception de ceux visés explicitement par d'autres rubriques de la nomenclature :

Les gaz sont maintenus liquéfiés à une température telle que la pression absolue de vapeur correspondante n'excède pas 1.5 bar (stockages réfrigérés ou cryogéniques) ou sous pression quelle que soit la température.

1. La quantité totale susceptible d'être présente dans l'installation étant supérieure ou égale à 200 t
2. La quantité totale susceptible d'être présente dans l'installation étant :
 - a) supérieure ou égale à 50 t
 - b) supérieure à 6 t, mais inférieure à 50 t

Toluène

EU. REACH, Annexe XVII, Restrictions applicables à la fabrication, à la mise sur le marché et à l'utilisation de certaines substances dangereuses et de certains mélanges et articles dangereux. Listé Point n°: 48

EU. REACH, Annexe XVII, Restrictions applicables à la fabrication, à la mise sur le marché et à l'utilisation de certaines substances dangereuses et de certains mélanges et articles dangereux. Numéro CE : 203-625-9

Règlement (CE) 273/2004, précurseurs de drogues, Catégorie Substance classifié, dans la nomenclature combinée Les substances réglementées du code de la nomenclature combinée (NC): 2902 30 10
Tableaux des maladies professionnelles

: Toluène: A; Listé

Toluène: 4 bis; Listé

Toluène: 84; Listé

INRS (FR) Toluène: R2; Suspecté toxique pour la reproduction de l'homme.
État actuel de notification

Source réglementaire Notification Numéro de notification AICS OUI DSL OUI INV (CN) OUI ENCS (JP) OUI (3)-2 JEX (JP) OUI (3)-2 ISHL (JP) OUI (3)-2 TSCA OUI EINECS OUI 203-625-9 KECI (KR) OUI 97-1-298 KECI (KR) OUI KE-33936 PICCS (PH) OUI IECSC OUI

15. 2. Chemical safety assessment:

No valuation of chemical security accomplished on miscellany.

16. OTHER INFORMATION

16. 1. According legislation(s):

This safety data sheet is in compliance with regulation (CE) 1907/2006 - 1272/2008 and adaptings.

16. 2. Text of the phrases listed in section 3:

H225 Highly flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.



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H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H304 May be fatal if swallowed and enters airways.
H226 Flammable liquid and vapour.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H400 Very toxic to aquatic life.

16. 3. Important remarks:

Information in this safety data sheet is based on actual knowledge in our possession and our experience.
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet.

16. 4. Restrictions:

This information relates to the specific material designated and may not be valid in combination with other product(s).

16. 5. History:

16. 5. 1. First edition date: 27/11/2015
16. 5. 2. Previous revision date: 07/05/2021
16. 5. 3. Review date: 07/05/2021
16. 5. 4. Version: 6
16. 6. Written by: E.PFLANZ