



MATERIAL SAFETY DATA SHEET

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Revision nr : 1

Date : 16 / 10 / 2009

Supersedes : 0 / 0 / 0

PC LEAKINJECT FLEX 6890 CAT

PC 6890 FLEX CAT



Xi : Irritant



8 : Corrosive substance.

Danger.



Producer

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SECTION 1. Identification of the substance/mixture and of the company/enterprise

1.1. Product identifier

Identification of the product : Liquid.
Trade name : PC LEAKINJECT FLEX 6890 CAT.

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

Use : Catalyst for waterproofing product.

1.3. Details of the supplier of the safety data sheet

Company identification : See producer.

1.4. Emergency telephone number

Emergency telephone number : +32 3 828 94 95

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

C; R34

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

- Health hazards : Skin corrosion - Category 1B - Danger (CLP : Skin Corr. 1B)
Serious eye damage - Category 1 - Danger

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

- Symbol(s)



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SECTION 2. Hazards identification (continued)

- **R Phrase(s)** : Irritant.
- **S Phrase(s)** : R34 - Causes burns.
- **S Phrase(s)** : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **S Phrase(s)** : S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
- **S Phrase(s)** : S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



• Hazard pictograms code

: SGH05

• Signal words

: Danger.

• Hazard statements

: H314 - Causes severe skin burns and eye damage.

• Pictograms (Precautionary statements)



• Precautionary statements

- Prevention

: P280 - Wear protective gloves/protective clothing/eye protection/face protection.

- Response

: P301+P330+P331+P310+P321 - IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment.

: P303+P361+P352 - IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Wash with plenty of soap and water.

: P304+P340+P310+P320 - IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor. Specific treatment is urgent.

: P305+P351+P338+P310+P321 - IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. Specific treatment.

- Disposal considerations

: P501C - Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

None under normal conditions.

SECTION 3. Composition/information on ingredients

Substance / Preparation : Preparation.

This product is considered to be hazardous and contains hazardous components.

Composition (prepar.) :

Substance name	Value(s)	CAS nr	EINECS nr	EC index	REACH	CERTIFICATE
Dimethylsuccinate	: 10 - 20 %	106-65-0	203-419-9	-----	-----	Xi; R36 Eye irrit 2

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SECTION 3. Composition/information on ingredients (continued)

Substance name	Value(s)	CAS nr	EINECS nr	EC index	REACH	CERTIFICATE
2-[[2-[2-(dimethylamino)ethoxy]ethyl)methylamino]ethanol	1 - 10 %	83016-70-0	406-080-7	603-146-00-9	-----	Xn; R22 C; R34 R52-53 ----- Skin Corr. 1B Eye Dam 1 Acute Tox. 4 (oral) Aquatic Chronic 3
						Rabbit oral LD50 [mg/kg] : 1364
						Rabbit dermal LD50 [mg/kg] : 5700
						48 H-CE50 - Daphnia magna [mg/l] : 72
						LC50-96 Hour - fish [mg/l] : 320

SECTION 4. First aid measures

4.1. Description of first aid measures

First aid

- Inhalation : If you feel unwell, seek medical advice. Assure fresh air breathing.
- Skin contact : Wash skin with mild soap and water.
- Eye contact : Obtain medical attention if pain, blinking or redness persist.
Rinse immediately with plenty of water.
- Ingestion : Never give anything by mouth to an unconscious person.
DO NOT INDUCE VOMITING.
Obtain emergency medical attention.

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

Symptoms relating to use

- Inhalation : May cause irritation to the respiratory tract and to other mucous membranes.
Inhalation of vapours may cause respiratory irritation.
Headache.
- Skin contact : Causes burns.
- Eye contact : Blurred vision. Pain.
- Ingestion : Harmful if swallowed.

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

No data available.

SECTION 5. Fire-fighting measures

5.1. Extinguishing media

Extinguishing media

- Suitable : Powder.
Carbon dioxide.
Alcohol foam.
- Not to be used : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

On exposure to high temperature, may decompose, releasing toxic gases.

5.3. Advice for fire-fighters

- Flammable class : Combustible.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 5. Fire-fighting measures (continued)

- Prevention** : Keep away from sources of ignition. No smoking.
- Special procedures** : Exercise caution when fighting any chemical fire.
Treat as hydrocarbon fire.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.2. Environmental precautions

Notify authorities if product enters sewers or public waters.
Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

After spillage and/or leakage : Collect spills and put it into appropriated container.

6.4. Reference to other sections

See section 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handling : Keep away from food, drink and animal feeding stuffs. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Technical protective measures : Both local exhaust and general room ventilation are usually required.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

7.3. Specific end use(s)

See technical datasheet.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Personal protection

- **Respiratory protection** : Organic Vapour Filters - Class 2 Conforms to EN 141
- **Skin protection** : S36/37 - Wear suitable protective clothing and gloves.
- **Eye protection** : Even though no eye contact is expected under reasonable normal conditions of use, appropriate eye protection should be worn when handling this material.
- **Hand protection** : Use rubber gloves.
- **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Provide local exhaust or general room ventilation.

8.2. Occupational Exposure Limits

Occupational Exposure Limits : No data available.

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SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- **Appearance** : Colourless.
- **Physical state** : Liquid.
- **Odour** : Characteristic.
- **Odour threshold** : No data available.
- **pH** : No data available.
- **Melting point / Freezing point** : No data available.
- **Initial boiling point - boiling range** : No data available.
- **Flash point** : No data available.
- **Evaporation rate** : No data available.
- **Flammability** : No data available.
- **Explosion limits (lower - upper)** : No data available.
- **Vapour pressure** : No data available.
- **Density** : 1.04 g/ml
- **Solubility** : In water, material is partially soluble.
- **Partition coefficient : n-octanol / water** : No data available.
- **Auto-ignition temperature** : No data available.
- **Thermal decomposition** : No data available.
- **Viscosity** : 9 mPas (25°C)
- **Explosive Properties** : No data available.
- **Oxidising properties** : No data available.

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Direct sunlight.

Extremely high or low temperatures.

10.5. Incompatible materials

Acids.

10.6. Hazardous decomposition products

Carbon dioxide.

Carbon monoxide.

Nitrogen oxides.

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SECTION 11. Toxicological information

11.1. Information on toxicological effects

Toxicity information : Irritating to eyes, respiratory system and skin.

SECTION 12. Ecological information

12.1. Toxicity

May cause long-term adverse effects in the aquatic environment.

12.2. Persistence - degradability

Biodegradable.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Prevent penetration in the soil, waters and sewers.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Disposal : Prevent penetration in the soil, waters and sewers.

SECTION 14. Transport information

General information

- UN No. : 2735
- H.I. nr : 80
- Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S. (2-[(2-[2-(dimethylamino)ethoxy]ethyl)methylamino]ethanol)

- Hazard Label(s)



: 8 : Corrosive substance.

Land transport

- ADR Class : 8
- ADR Packing group : III

Sea transport

- IMO-IMDG code : Class 8
- IMO Packing group : III
- IMDG-Marine pollution : YES
- EMS-Nr : F-A S-B

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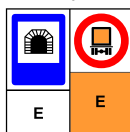
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SECTION 14. Transport information (continued)

Air transport

- ICAO/IATA : Packaging instructions cargo :
Packaging instructions passenger:
- Proper shipping name : AMINES, LIQUID, CORROSIVE, N.O.S. (2-[(2-[2-(dimethylamino)ethoxy]ethyl)methylamino]ethanol)
- IATA - Class or division : 8
- IATA Packing group : III
- In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

Other



: E : Passage forbidden through tunnels of category E.

Personal precautions

: The driver shall not attempt to deal with any fire of the load.

Emergency action in case of accident

: No naked lights. No smoking.
Keep public away from danger area.
NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

Additional information

: None.

SECTION 15. Regulatory information

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

Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

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)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IC50: The half maximal Inhibitory Concentration

EC50: The half maximal Effective Concentration

List of relevant R phrases (heading 3)

- : R22 - Harmful if swallowed.
R34 - Causes burns.
R36 - Irritating to eyes.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

: None.

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SECTION 16. Other information (continued)

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