

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

- **Product details**
- **Trade name:** DEMOULANT 851
- **Manufacturer/Supplier:**
 AXSON FRANCE
 Rue de l'Equerre
 F-95310 SAINT OUEN L'AUMONE
 Tél.(33-1)34 40 34 60
- **Further information obtainable from:** LAB. R&D -(33) 01 34 40 34 60
- **Information in case of emergency:** ORFILA : (33)01 45 42 59 59

2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

Aliphatic hydrocarbons	Xn, F, N; R 11-50/53-65	50-100%
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3 Hazards identification

- **Hazard description:**



Xn Harmful
 F Highly flammable
 N Dangerous for the environment

- **Information concerning particular hazards for human and environment:**

R 11 Highly flammable.
 R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R 65 Harmful: may cause lung damage if swallowed.

4 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.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **Information for doctor:**
- **Hazards** Danger of pulmonary oedema.
- **Treatment** If swallowed or in case of vomiting, danger of entering the lungs.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
 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
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**
 Cool endangered receptacles with water spray.

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Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**
Prevent seepage into sewage system, workpits and cellars.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

Aliphatic hydrocarbons

OES | Long-term value: 500 ppm

- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
- **Respiratory protection:**
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

- **Material of gloves:** Rubber gloves
- **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:**

Safety glasses

Tightly sealed goggles

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **General Information**

Form: Fluid
Colour: Whitish
Odour: Mineral-oil-like

· **Change in condition****Boiling point/Boiling range:** 98°C· **Flash point:** < 0°C· **Ignition temperature:** 215°C (DIN 51 794)· **Self-igniting:** Product is not selfigniting.· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.· **Explosion limits:****Lower:** 0.6 Vol %**Upper:** 7 Vol %· **Density at 20°C:** 0.76 g/cm³· **Solubility in / Miscibility with****water:** Not miscible or difficult to mix.· **organic solvents:** Miscible with many organic solvents.

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Dangerous reactions** Reacts with oxidizing agents.· **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**· **Primary irritant effect:**· **on the skin:** Frequent contacts may destroy the skin natural protection.· **on the eye:** Irritating effect.· **Sensitization:** No sensitizing effects known.

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12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:** The product is difficultly biodegradable.
- **General notes:** At present there are no ecotoxicological assessments.

13 Disposal considerations

- **Product:**
- **Recommendation**
Dispose of the product by burning in a suitable incinerator or bury in an approved landfill following all applicable local and/or national regulations.
- **Uncleaned packaging:**
- **Recommendation:**
Empty containers may not be disposed of unless any remaining material adhering to the internal walls has been removed.
Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 33
- **UN-Number:** 1993
- **Packaging group:** II
- **Hazard label** 3
- **Description of goods:** 1993 Flammable liquid, n.o.s., aliphatic hydrocarbons

- **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1993
- **Label** 3
- **Packaging group:** II
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Aliphatic hydrocarbons)

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1993
- **Label** 3
- **Packaging group:** II

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· **Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Aliphatic hydrocarbons)

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15 Regulatory information

· **Labelling according to EU guidelines:**

The product has been marked in accordance with EU Directives / respective national laws.

· **Code letter and hazard designation of product:**

Xn Harmful

F Highly flammable

N Dangerous for the environment

· **Hazard-determining components of labelling:**

Aliphatic hydrocarbons

· **Risk phrases:**

11 Highly flammable.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

· **Safety phrases:**

9 Keep container in a well-ventilated place.

16 Keep away from sources of ignition - No smoking.

33 Take precautionary measures against static discharges.

36 Wear suitable protective clothing.

43 In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

57 Use appropriate container to avoid environmental contamination.

· **National regulations:**

· **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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.

· **Relevant R-phrases**

11 Highly flammable.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

· **Department issuing MSDS:** Product Safety and Toxicology