

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: RECHARGE INODORE
Product code: P00600V01/01.

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

N/A

1.3. Details of the supplier of the safety data sheet

Registered company name: FABRICATION CHIMIQUE ARDECHOISE.
Address: LES ILES FERAYS.07300.TOURNON cedex.FRANCE.
Telephone: 04-75-07-82-10. Fax: 04-75-07-16-89.
menager@fareva.com
<http://www.fareva.com/>

1.4. Emergency telephone number : +33 (0)1.45.42.59.59.

Association/Organisation: INRS/ORFILA <http://www.centres-antipoison.net>.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).
Mixture for aerosol application.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Contains:

3.5% by mass of the contents are flammable.

Safety phrase:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use.

S 51

Use only in well-ventilated areas.

S 2

Keep out of the reach of children.

S 23

Do not breathe the vapours.

Pulverise by short pressions, without prolonged pulverisation.

Do not use for any purpose other than the one for which it is intended.

2.3. Other hazards

No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

3.2. Mixtures

Composition :

Identification	Name	Classification	%
INDEX: 811972 CAS: 811-97-2 EC: 212-377-0 REACH: 05-2117784674-27-0000	1.1.1.2.TETRAFLUROETHANE	GHS04, Wng H:280.	50 <= x % < 100
INDEX: 603-019-00-8 CAS: 115-10-6 EC: 204-065-8	DIMETHYL ETHER	GHS02, GHS04, Dgr F+ H:220 R: 12	2.5 <= x % < 10

SECTION 4: FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation:

Make use of reanimation technics. A prolonged clinic supervision can be usefull

If inhaled, move the patient to fresh air and keep warm and at rest

In the event of swallowing:

Seek medical attention, showing the label.

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

No data available.

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

No data available.

SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

In the event of fire, use specifically suitable extinguishing agents. Never use water.

Suitable methods of extinction

In the event of a fire, use:

- foam
- powder
- carbon dioxide (CO2)

Unsuitable methods of extinction

In the event of a fire, do not use:

- water

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

Prevent the risks caused by the inhalation of steams.

Wearing of gloves, glasses and possibly with an autonomous mask.

For fire-fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

The elimination must be carried out by a registered salvage professional.

6.4. Reference to other sections

No data available.

SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Prevent every contact with the skin and the eyes.

Use away of every flame or incandescent point.

Do not smoke.

Avoid inhalation of the steams.

Follow hygiene and security pressurized container rules.

Fire prevention:

Do not pierce or burn, even after use.

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations

Never pour water into this mixture.

Do not breathe in aerosols.

Keep the original packing. Do not pierce or burn even after use.

Rules of storage and manipulation applicables to the gaz under pressure.

Use only in well-ventilated premises.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

Follow the hygiene and the security rules.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Packaging

Always keep in packaging made of an identical material to the original

7.3. Specific end use(s)

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

- European Union (2009/161/EU, 2006/15/EC, 2000/39/EC, 98/24/EC)

CAS	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes:
115-10-6	1920	1000	-	-	-

- France (INRS - ED984:2007 and French Order of 30/06/2004):

CAS	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP No.:
115-10-6	1000	1920	-	-	-	-

Tetrafluoroethane 1000ppm according to the limit value comitee Elf Atochem.

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

It's better to wear glasses in case of possible projections.

- Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

Wash with soaped watter, then rinse with watter during 15min in case of contact.

- Respiratory protection

Do not use in closed and not ventilated space

Avoid inhalation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information:

Physical state:

gas

spray

Important health, safety and environmental information:

pH of the substance or preparation:

not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range:

-26 °C.

Flash point interval:

not relevant.

Vapour pressure:

Below 110 kPa (1.10 bar).

Density:

> 1

Water solubility:

Insoluble.

Melting point/melting range:

not relevant.

Self-ignition temperature:

300 °C.

Decomposition point/decomposition range :

300 °C.

9.2. Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid:

- humidity
- flames and hot surfaces

Protect from moisture. Reaction with water can cause an exothermic reaction.

10.5. Incompatible materials

Keep away from:

- water
- strong oxidising agents

10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO₂)

Hydrogen halides

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Mixture

No toxicological data available for the mixture.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Substances

No aquatic toxicity data available for the substances.

Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

Aerosol do not pierce or burn after use

CONSIGN TO AN APPROVED COLLECTOR. CONSULT THE PREFECTORAL ORDERS IN FORCE.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14: TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2011 - IMDG 2010 - ICAO/IATA 2011).

- Classification:



UN1950=AEROSOLS, asphyxiant

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	2	5A	-	2.2	-	1 L	190 327 344 625	E0	3	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	2.2	SP63	-	See SP277	F-D,S-U	63 190 277 327 959	E0

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	2.2	-	-	203	75 kg	203	150 kg	A98 A145 A167	E0
	2.2	-	-	Y203	30 kg G	-	-	A98 A145 A167	E0

SECTION 15: REGULATORY INFORMATION

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

- Particular provisions:

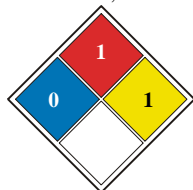
N/A

Labelling for detergents (EC Regulation No. 648/2004, 907/2006):

- 30 % and more : halogenated hydrocarbons

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704):

NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



15.2. Chemical safety assessment

No data available.

SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Title for H, EUH and R indications mentioned in section 3:

H220	Extremely flammable gas.
H280	Contains gas under pressure; may explode if heated.
R 12	Extremely flammable.

Abbreviations:

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefährdungsklasse (Water Hazard Class).