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009302

SAFETY DATA SHEET (91/155/EEC - 2001/58/EC - ISO 11014-1)  
Version: N°1 (04/04/2005)

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Name: BRAKE-DUST-REPELLENT-AEROSOL - 0038ED2-Company: FABRICATION CHIMIQUE ARDECHOISE / IMPEX

## SAFETY DATA SHEET

### 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the substance or preparation:**

Name: BRAKE DUST REPELLENT AEROSOL.

Product code: 0038ED2/1.

**Company/undertaking identification:**

Registered company name: FABRICATION CHIMIQUE ARDECHOISE.

Address: LES ILES FERAYS.07303.TOURNON cedex.FRANCE.

Telephone: 04-75-07-82-10. Fax:04-75-07-16-89. Telex:.

Emergency telephone: +33 (0)1.45.42.59.59.

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

### 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 2: see section 16.

**Hazardous substances present on their own:**

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

**Other substances representing a hazard:**

No known substance in this category present.

**Substances present at a concentration below the minimum danger threshold:**

No known substance in this category present.

**Other substances with occupational exposure limits:**

INDEX	CAS	EC	Name	Symb.	R:	%
601-004-00-0	106-97-8	203-448-7	BUTANE	F+	12	2.5 ≤ x % < 10

### 3 - IDENTIFICATION OF HAZARDS

This product is classed: Extremely flammable.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

**Other data:**

pressurized container

easily damaged by the frost

### 4 - FIRST AID MEASURES

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

NEVER induce swallowing in an unconscious person.

**In the event of exposure by inhalation:**

Move the patient to free air at rest.

**In the event of splashes or contact with eyes:**

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

**In the event of splashes or contact with skin:**

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

DO NOT use solvents or thinners.

**In the event of swallowing:**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

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## 5 - FIRE-FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

### Extinguishing media which must not be used for safety reasons:

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Do not use compressed air during filling, emptying or handling.

### Special protective equipment for fire-fighters:

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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.

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## 6 - ACCIDENTAL RELEASE MEASURES

### Personal precautions:

Avoid inhaling the vapors.

Consult the safety measures listed under headings 7 and 8.

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

Eliminate the fire in the zone.

### Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

### Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

Use some absorbent.

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

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## 7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

### Handling:

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Prevent every contact with the skin and the eyes.

Prevent accumulation of electrostatic charges.

Pulverise by short pressions, without prolonged pulverisation.

Follow hygiene and security rules because flammable capacity.

Do not smoke.

N/A

### Fire prevention:

Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

The steams can be toxic in case of combustion.

Prevent every contact with hot surfaces or every other ignition point.

Bring away every electric appliance.

**Recommended equipment and procedures:**

- For personal safety, see §8.
- Observe precautions stated on label and also industrial safety regulations
- Avoid inhaling vapors.
- Do not smoke.
- Gloves and glasses are recommended.
- Keep the original packing. Do not pierce or burn even after use.
- Follow the hygiene and security rules.
- Rules of storage and manipulation applicables to the gaz under pressure.
- Use only in well-ventilated premises.

**Prohibited equipment and procedures:**

- Smoking, eating and drinking are prohibited in premises where the preparation is used
- Never open the packages under pressure
- Do not pierce or burn, even after use.
- Do not use under tension.
- Prevent high temperatures.

**Storage:**

- Keep the container tightly closed in a dry, well-ventilated place
- Keep away from all sources of ignition - do not smoke.
- Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.
- Keep out of reach of children
- Stock sheltered from frost.

**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

Use personal protection equipment as per Directive 89/686/EEC.

**Exposure limit values per INRS ND 2098-174-99 and ND 2114-176-99:**

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
106-97-8	800	1900	-	-	-	-
Germany	Class:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	
106-97-8	IV	1000	2400	-	-	
ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
106-97-8	800	1900	-	-	-	-

**Exposure limit values (2003-2006):**

UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
106-97-8	600 ppm	750 ppm	-	-	-
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
106-97-8	600 ppm	750 ppm	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
106-97-8	1000 ppm	-	-	-	-

**Respiratory protection:**

Wear gloves, glasses, mask and protection suit.

**Hand protection:**

Wearing gloves is recommended in case of frequent or prolonged contacts.

**Eye and face protection:**

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

**Skin protection:**

For further information, see § 11 of S.D.S. - Toxicological information.

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

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

Density:

= 1

Acid/base character of preparation:	neutral.
Solubility of preparation in water:	Dilutable.
Vapour tension at 50°C of volatile constituents:	Below 110 kPa (1.10 bar).
Physical state:	fluid liquid
Flash point interval:	Flash point: < 0°C. and distillation temperature <= 35°C.
When a pH measure is possible, it has a value of:	not stated.
Self-ignition temperature:	250 °C.
Decomposition temperature:	250 °C.
Melting temperature interval:	not relevant.
Average distillation temperature of solvents contained:	100 °C.

#### 10 - STABILITY AND REACTIVITY

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

**Conditions to avoid:**

- Keep away from freezing
- Avoid the accumulation of electrostatic charges.
- Keep away of any source of heat or of ignition.

**Materials to avoid:**

STRONGS OXYDISING AGENTS

**Hazardous decomposition products:**

Toxics products by example, carbon oxydes.

#### 11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

Splashes in the eyes may cause irritation and reversible damage

**In the event of exposure by inhalation:**

A big inhalation can be the cause of waves of nausea and of irritation of the respiratory mucous membranes.

**In the event of swallowing:**

Accidentally ingestion cause burn of the throat, which can be accompanied by gastric pain.

**In the event of splashes or contact with skin:**

Frequents contacts or prolonged ones can cause irritations.

**In the event of splashes or contact with eyes:**

Can cause irritations if nonimmediate decontamination.

#### 12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

**Other adverse effects:**

Germany: WGK 2 (VwVwS vom 17/05/99, KBws)

Do not throw out product in the nature, in residual watters or superficials ones

#### 13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Aerosol do not pierce or burn after use

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

**Waste:**

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.

**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

UN1950=AEROSOLS

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.
	2	5F	-	2.1	-	LQ2	190-625



IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.
	2	-	-	SP277	F-D,S-U	63 190 191 277 913

  

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note
	2	2.1	-	203	75 kg	203	-	-
	2	2.1	-	Y203	30 kg G	-	-	-

**15 - STATUTORY INFORMATION**

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations. In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

**Preparation classification:**

Extremely flammable.

**Particular hazards associated with the preparation and safety recommendations:**

R 12	Extremely flammable.
S 16	Keep away from sources of ignition - no smoking.
S 2	Keep out of reach of children.
	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.
S 23	Do not breathe the steams.
S 46	If swallowed, seek medical advice immediately and show this container or label.
S 51	Use only in well ventilated areas.
	Pulverise by short pressions, without prolonged pulverisation.
	Do not use for any purpose other than the one for which it is intended.

**Particular provisions:**

Germany: WGK 2 (VwVwS vom 17/05/99, KBws)

**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 product must not be used for any purposes other than those specified under heading 1 without first obtaining 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 given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

**Full text of risk phrases appearing in section 2:**

R 12 Extremely flammable.