



SAFETY DATA SHEET

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

Identification of the substance or preparation:

Name: TOTAL SCIENCE.
Product code: TS-010 ALU.

Company/undertaking identification:

Registered company name: TOTAL SCIENCE.
Address: Piazzale Malfer 11.37016.Garda (VR).Italie.
Telephone: +39 (045) 6270476. Fax: +39 (045) 6279590. Telex: -.
Email : martin.allard@totalscience.eu
<http://www.totalscience.eu>

Emergency telephone: +33 (0)1 45 42 59 59.

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

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site
This preparation is not classed as hazardous to health by directive 1999/45/EC.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

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:

No known substance in this category present.

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 splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
If there is any redness, pain or visual impairment, consult an ophthalmologist.

5 - FIRE-FIGHTING MEASURES

Extinguishing media which must not be used for safety reasons:

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

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

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.

Methods for cleaning up:

Clean with water preferably.

7 - HANDLING AND STORAGE

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

Fire prevention:

Prevent access by unauthorised personnel.

Prohibited equipment and procedures:

Do not pierce or burn, even after use.

Storage:

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

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Not relevant.

No exposure limit values.

Technical measures:

Personnel shall wear regularly laundered overalls.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid
spray

Important health, safety and environmental information:

pH of the substance or preparation: slightly acidic.
When a pH measure is possible, it has a value of: not stated.
Flash point interval: not relevant.
Vapour pressure: not relevant.
Density: = 1
Water solubility: Dilutable.

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

11 - TOXICOLOGICAL INFORMATION

The preparation contains no substance classed as hazardous per directive 67/548/EEC.

No data is available regarding the preparation itself.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

Other adverse effects:

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

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

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 (ADR 2009 - IMDG 2008 - ICAO/IATA 2009).

Classification:



UN1950=AEROSOLS

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	2	5A	-	2.2	-	LQ2	190 327 625	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 A153	E0
	2.2	-	-	Y203	30kg G	-	-	-	E0

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations
In addition directive 2008/58/EC with the 30° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.
In addition directive 2009/2/EC with the 31° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.
In addition Regulation (EC) No 1272/2008 have been taken into account.
This preparation is not classed as hazardous to health by directive 1999/45/EC.
This product is not classed as flammable.

Particular hazards associated with the preparation and safety recommendations:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not pierce or burn, even after use.

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 3: