



## **No Fire Powder**

### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

#### **1.1 Product Identifier**

Commercial name : No Fire Powder

Name of the substance : alumina trihydrate

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

Type of application (use) : Charge/Filler

Usage Restrictions recommended : For industrial use only.

#### **1.3 Details of the supplier of the safety data sheet**

Company : CECCHI GUSTAVO & C Srl  
Via M. Coppino 253,  
55049 Viareggio (LU)  
Italy

Telephone : +39 0584 383694

Email address of the person responsible for the SDS: info@cecchi.it



## 1.4 Emergency telephone number

+ 44 1235 239670 (All languages)

CAVp "Hosp. Pediatric Bambino Gesù" Rome Piazza Sant'Onofrio, 4 00165 Tel.06-68593726  
Az. Osp. Univ. Foggia Foggia V.le Luigi Pinto, 1 71122 Tel.0881-732326  
Hospital "A. Cardarelli" Naples Via A. Cardarelli, 9 80131 Tel.081-7472870 CAV Policlinico  
"Umberto I" Rome V.le del Policlinico, 155 00161 Tel.06-49978000 CAV Policlinico "A.  
Gemelli" Rome Largo Agostino Gemelli, 8 00168 Tel.06-3054343  
Hospital "Careggi" Medical Toxicology Unit Florence Largo Brambilla, 3 50134 Tel.055-7947819  
CAV National Center for Toxicological Information Pavia Via Salvatore Maugeri, 10 27100  
Tel.0382-24444  
hosp. Niguarda Ca' Granda Milan Piazza Ospedale Maggiore, 3 20162 Tel.02-66101029 Papa  
Giovanni XXII Hospital Bergamo Piazza OMS, 1 24127 Tel.800883300 Integrated University  
Hospital (AOUI) of Verona Borgo Trento branch, Verona Tel. 800011858

## SECTION 2: hazard identification

### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) N. 1272/2008)** Non-hazardous substance or mixture.

### 2.2 Elements of the label

**Labeling (REGULATION (EC) N. 1272/2008)** Non-hazardous substance or mixture.

### 2.3 Other dangers

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher.

Ecological information: The substance/mixture does not contain any components considered to have endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain any components considered to have endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Name of the substance : EF35P\_alumina trihydrate

EC no : 244-492-7

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Chemical nature : Mineral charge

**Components**

Remarks : No dangerous ingredients

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**SECTION 4: first aid measures****4.1 Description of first aid measures** General

information	: Keep warm in a quiet room. Show this safety data sheet to the attending physician. Take off all contaminated clothing immediately.
If inhaled	: Take to fresh air. Put the person concerned in a resting position and keep him warm. If unconscious, place on side in stable position and consult a doctor. If symptoms persist, consult a doctor.
In case of skin contact	: Wash immediately with soap and plenty of water. Do not use solvents or thinners. If it gets on clothing, remove clothing. If skin irritation persists, call a doctor.
In case of contact with eyes	: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a physician. If this is easy, remove contact lenses, if they are worn.
If ingested	: Keep at rest. Do not induce vomiting without medical advice. Keep the respiratory tract clean. If symptoms persist, consult a doctor.

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

Symptoms : irritant effects

**4.3 Indication of any immediate medical attention and special treatment needed**Treatment : First Aid procedure should be agreed  
consulting the competent occupational physician.

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**SECTION 5: Firefighting measures****5.1 Extinguishing media** Suitableextinguishing media : Waterfall  
Carbon dioxide (CO<sub>2</sub>)  
Foam

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Dry powder

Unsuitable extinguishing media : Not known.

**5.2 Special hazards arising from the substance or mixture**

Specific dangers vs the fire : Burning produces irritating fumes.

**5.3 Advice for firefighters**

Protection devices special for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Further information : In case of fire and/or explosion do not breathe fumes. Use extinguishing systems compatible with the local situation and the surrounding environment.  
Immediately evacuate personnel to safe areas. Prevent water from fire extinguishers from contaminating surface water or groundwater.  
Dispose of the contaminated water used for extinguishing and the residue of the fire according to the regulations in force.

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

individual precautions : Refer to protective measures listed in sections 7 and 8.  
Evacuate personnel to safe areas.  
Use personal protective equipment.  
Provide adequate ventilation.  
Inform the responsible authorities in the event of a gas leak, or if it enters pipes, soil or sewers.

**6.2 Environmental****precautions**Environmental  
precautions

: Do not allow uncontrolled dumping of the product in the environment.  
Prevent the material from entering drains or waterways.  
  
Local authorities must be notified if leaks cannot be contained.

**6.3 Methods and materials for containment and cleaning up**

Methods of reclamation : Dry with inert material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Contain and collect spillage with non-combustible absorbent material (such as sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local or national regulations (see section 13).  
  
Pick up and transfer to an appropriate container label

**6.4 Reference to other sections**

See Section 8 for personal protective equipment.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Instructions for use: safe	Ensure sufficient air exchange and/or exhaust in workplaces. Avoid inhalation, ingestion and contact with skin and eyes.  Wear protective clothing.
Advice on protection against fire and : explosions	Keep away from open flames, hot surfaces and sources of ignition.
Hygiene measures	: Do not breathe dust or spray. Provide adequate ventilation. Wash hands and face before breaks and immediately after handling the product.

**7.2 Conditions for safe storage, including any incompatibilities**

Warehouse and container requirements: containers	Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. To preserve the quality of the product, do not store near a heat source and do not expose to direct light.
Directions for the storage together with other products	: Keep the product and empty containers away from heat and ignition sources. Keep away from food and drink.
Learn more about storage stability	: Stable under normal environmental conditions of temperature and pressure.

**7.3 Particular End Uses**

Particular uses	: Consult the technical instructions for use of this substance/mixture.
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**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

Does not contain substances with occupational exposure limit values.  
Does not contain substances with occupational exposure limit values.

**8.2 Exposure controls****Appropriate engineering controls**

Effective exhaust ventilation system effective ventilation in all process areas

**Individual protection**

Eye protection : Do not wear contact lenses.

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Safety goggles with side protection in compliance with EN166 standard  
Make sure that eyewash stations and emergency showers are close to the workstation.

Hand protection  
Material

: Protective gloves according to EN 374.

Skin and body protection

: Protection suit

Respiratory protection

: Respiratory system only in case of aerosol or dust formation.  
Use respiratory protection, unless adequate local exhaust ventilation is provided or exposure assessment demonstrates exposure meets recommended guidelines.

Suitable respiratory equipment:  
Mouth-nose mask equipped with P2 microporous filter (European Standard 143)

Protection arrangements

: Avoid contact with skin. Wear suitable protective clothing.

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**SECTION 9: physical and chemical properties****9.1 Information on basic physical and chemical properties**

physical state

: dust

Color

: white

Odor

: odorless

Olfactory threshold

: not determined

Melting point/range

: 300 - 600°C

Boiling point/range

: Not applicable

Upper explosion limit : Not applicable / Upper limit  
of  
flammability

Lower explosion limit / : Not applicable Lower limit  
of  
flammability

Flash point

: it doesn't ignite

Ignition temperature

: Not applicable

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Temperature of  
self-ignition : Not applicableTemperature of  
decomposition : No data available

pH : not determined

Viscosity  
Viscosity, kinematics : not determinedSolubility/solubilities.  
Water solubility : not determined

Solubility in other solvents : not determined

Partition coefficient: n- : No data available octanol/water

Vapor pressure : Not applicable

Density : 2.42 g/cm<sup>3</sup>

Apparent density : not determined

Relative vapor density : not determined

Particle characteristics  
particle size : not determined

Particle size : not determined

**9.2 Other Information**

Explosives : Not applicable

Oxidizing properties : Not applicable

Self-ignition : Not applicable

Evaporation rate : not determined

Surface tension : not determined

Sublimation point : not determined

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**SECTION 10: stability and reactivity****10.1 Reactivity**

Stable under recommended storage conditions.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

dangerous reactions : No dangerous reactions known under normal conditions of use.

**10.4 Conditions to avoid**

Conditions to avoid : No decomposition if used according to the specific instructions.

**10.5 Incompatible materials**

Materials to avoid : No data available

**10.6 Hazardous decomposition products**

Stable under normal conditions.

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**SECTION 11: toxicological information****11.1 Information on the hazard classes defined in Regulation (EC) No. 1272/2008****Acute toxicity****Product:**

Acute oral toxicity : Remarks: No data available

Acute toxicity for inhalation : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

Acute toxicity (by other routes of administration) : Remarks: No data available

**Skin corrosion/irritation****Product:**

Remarks : No data available

**Serious eye damage/irritation****Product:**

Remarks : No data available

**Respiratory or skin sensitisation****Product:**

Remarks : No data available

**Carcinogenicity****Product:**





Remarks : No data available

**Reproductive toxicity****Product:**

Effects on fertility : Remarks: No data available

Effects on fetal development : Remarks: No data available

**Specific target organ toxicity (STOT) - single exposure****Product:**

Remarks : No data available

**Specific target organ toxicity (STOT) - repeated exposure****Product:**

Remarks : No data available

**Repeated dose toxicity****Product:**

Remarks : No data available

**11.2 Information on other hazards****Endocrine disrupting properties****Product:**

Assessment : The substance/mixture contains no considered components having endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Further information****Product:**

Remarks : No data available

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**SECTION 12: ecological information****12.1 Toxicity****Product:**

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

**12.2 Persistence and degradability****Product:**

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Biodegradability : Remarks: No data available

Physico-chemical elimination : Remarks: No data available

**12.3 Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: No data available

**12.4 Mobility in soil** No data

available

**12.5 Results of PBT and vPvB assessment****Product:**

Assessment : This substance/mixture contains no components considered either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher.

**12.6 Endocrine-disrupting properties****Product:**

Assessment : The substance/mixture contains no considered components having endocrine disrupting properties within the meaning of Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**12.7 Other adverse effects****Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**Product : In accordance with local and national regulations.  
Dangerous container when empty. Do not dispose of as household waste.  
Do not mix waste from different sources during collection.

Contaminated containers : Empty containers must be entrusted to authorized local firms for recycling and disposal.

**SECTION 14: transport information****14.1 UN number or ID number**

Not regulated as dangerous goods

**14.2 UN proper shipping name**

Not regulated as dangerous goods

**14.3 Transport hazard classes** Not regulated  
as dangerous goods**14.4 Packing group**

<b>ADR/RID/ADN</b>	:	Not regulated as dangerous goods
<b>IMDG extension</b>	:	Not regulated as a dangerous good IMDG
Remarks	:	Code segregation group - none
<b>IATA (Cargo)</b>	:	Not regulated as dangerous goods. Not
<b>IATA (Passenger)</b>	:	regulated as dangerous goods

**14.5 Environmental hazards**

Not regulated as dangerous goods

**14.6 Special precautions for users**

Remarks	:	The transport of dangerous goods, including loading and unloading, must be carried out by persons who have received the necessary training required by the modal regulations.
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**14.7 Shipping in bulk in accordance with IMO acts**Not applicable to the product in its supplied form.

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental laws and regulations specific to the substance or mixture**

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59).	:	Not applicable
Regulation (EC) no. 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	:	Not applicable
Regulation (EC) no. 649/2012 of the European Parliament and of the Council on the export and import of dangerous chemicals	:	Not applicable

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authorization (Annex XIV)

: Not applicable

REGULATION (EU) 2019/1148 on the placing on the  
market and use of explosives precursors

: Not applicable

International Chemical Weapons Convention (CWC), : Not applicable list of  
chemical precursors and toxic productsRegulation (EC) no. 111/2005 of the Council containing  
rules for the control of trade in drug precursors between  
the Community and third countries

: Not applicable

Seveso III: Directive 2012/18/EU of the  
European Parliament and of the Council  
on the control of major-accident hazards  
involving dangerous substances.

Not applicable

Other legislations

: Referring to the product composition, we intentionally do not  
add any of the substances listed in the European Directive  
2011/65/EU (RoHS 2, RoHS3 and China RoHS).Consequently, the product is in line with these directives.  
We do not intentionally add conflict minerals to the  
product.**15.2 Chemical safety assessment** Not  
applicable**SECTION 16: other information****Full text of other abbreviations**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the international carriage of dangerous goods by road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for Testing of Materials; bw - Body weight; CLP - Classification, Labeling and Packaging Regulation; Regulation (EC) No. 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardization; DSL - Domestic List of Substances (Canada); ECHA - European Chemicals Agency; EC-Number - European Community Number; ECx - Concentration associated with x% response; ELx - Load rate associated with x% response; EmS - Emergency Program; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half the concentration

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ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemicals China; IMDG - International Maritime Transport of Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Inventory of Existing Chemicals; LC50 - 50% lethal concentration for a test population; LD50 - 50% lethal dose for a test population (median lethal dose); MARPOL - International Convention for the Prevention of Pollution from Ships; our - not otherwise specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observed Effect Load Rate; NZIoC - New Zealand Chemicals Inventory; OECD - Organization for Economic Co-operation and Development; OPPTS - Bureau of Chemical Safety and Pollution Prevention; PBT - Persistent, bioaccumulative and toxic substance; PICCS - Chemical Substances Inventory of the Philippines; (Q)SAR - (Quantitative) Structure Activity Relationships; REACH - Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, the authorization and restriction of chemicals; RID - Regulations concerning the international rail transport of dangerous goods; SADT - Self-accelerating decomposition temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemical Substances Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very persistent and very bioaccumulative TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very persistent and very bioaccumulative TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very persistent and very bioaccumulative

**Further information**

Directions : Provision of information, instructions to operators  
on training and training.

The information contained in this Safety Data Sheet is correct according to our best knowledge of the product at the time of publication. This information is provided for the sole purpose of allowing the use, storage, transport and disposal of the product in the most correct and safest way. This information should not be considered a guarantee or specification of product quality.

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