

1. Identification of the substance or preparation

EXPLOTAB

Sodium Starch Glycolate Type A (Ph.Eur.)

REACH registration number: irrelevant

Use of the substance/preparation: The product is intended for professional use.

Company/undertaking identification

Supplier:

JRS PHARMA GMBH + CO. KG
A Member of the JRS Group
Holzmuehle 1
D 73494 Rosenberg
Germany

Telephone: +49 (0) 7967 152 0
Telefax: +49 (0) 7967 152 222

Further remarks:

Information

Information Telephone: +49 7967 152 0
Information Telefax: +49 7967 152 222
E-mail (competent person): reach-beauftragter@jrs.de
Website: www.jrspharma.de

National contact:

Information Telephone:
Information Telefax:
E-mail (competent person):
Website:

Emergency telephone:

Telephone: +49 7967 152 199

Dept. responsible for information:

2. Hazards identification

Classification/labelling: irrelevant

Hazard symbols: irrelevant

R phrases: irrelevant

Critical hazard to man and environment:

Product is not dust explosive in its original delivery form.

The addition of particulate matter, however, results in a dust explosion risk.

High slip hazard because of leaking or spilled product.

Labelling (EU-GHS): irrelevant

Hazard pictograms: irrelevant

Signal word: irrelevant

H phrases: irrelevant

3. Composition/information on ingredients

Chemical characterization (preparation):

Substance related information

Crosslinked low substituted carboxymethyl ether of potatoe starch

CAS-No.: 9063-38-1

EC-no. (EINECS/ELINCS): irrelevant

INDEX no.: irrelevant

Dangerous ingredients:

Ethanol

Concentration: < 3 %

EC-no.: 200-578-6

CAS-No.: 64-17-5

Classification according to Directive 67/548/EEC:



F Highly flammable.

R11 Highly flammable.

Classification according to Directive 1272/2008/EC



Flammable liquid, Cat. 2

Signal word: Danger

H-phrases: 225

Additional information:

Full text of R- and H-phrases: see section 16.

4. First aid measures

General information:

Mechanical action of the product (e.g. unwanted adherence) may cause damages.

In all cases of doubt, or when symptoms persist, seek medical advice.

Following inhalation:

Provide fresh air.

After skin contact:

After contact with skin, wash immediately with plenty of water and soap.

Following eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion:

Rinse mouth immediately and drink large quantities of water.

Self-protection of the first aider: irrelevant

Information to physician:

Symptoms:

No symptoms known up to now.

Nature of Hazard:

irrelevant

Treatment:

Treat symptomatically.

5. Fire fighting measures

General information:

irrelevant

Suitable extinguishing media:

Water fog. Carbon dioxide. alcohol resistant foam. dry extinguishing powder. Sand.

Extinguishing media which must not be used for safety reasons:

High power water jet.

Special exposure hazards arising from the substance itself, combustion products, resulting gases:

Can be released in case of fire: Carbon monoxide. Carbon dioxide.

Explosive dust-air mixtures may form.

Special protective equipment for fire-fighters:

In case of fire: Wear self-contained breathing apparatus.

Additional information:

Do not allow water used to extinguish fire to enter drains or waterways.

Fire class A: Solid material fires, mainly of organic nature, that normally burn with formation of embers.

6. Accidental release measures

Personal precautions:

Wear respiratory protection when in the presence of vapour, dust, and aerosols.

See protective measures under point 7 and 8.

Environmental precautions:

Do not empty into drains or the aquatic environment.

Methods for cleaning up:

Collect mechanically.

Avoid generation of dust.

Wash with generous amount of water.

Additional information:

irrelevant

7. Handling and storage

Handling**Information for safe handling:**

Information for safe handling: Avoid generation of dust.

Technical measures:

In case of open handling, use devices with built-in suction where possible.

Use for bottling, transfer, proportioning and sampling if possible: Equipment with built-in suction provisions.

Dust should be vacuumed up immediately at the place it occurs.

Precautions against fire and explosion:

Product is: Combustible.

Keep away from hot surfaces.

Before opening the container prepare fire extinguisher.

Additional information:

Shafts and sewers must be protected from permeation of the product.

Storage**Technical measures and storage conditions:**

irrelevant

Packaging materials:

irrelevant

Requirements for storerooms and containers:

irrelevant

Information about storage in one common storage facility:

irrelevant

Further information concerning storage conditions:

Protect against: moisture.

Relative room humidity (%): irrelevant

Storage temperature: irrelevant

Storage stability: minimum 4 years

Maximum period of storage (time): irrelevant

Storage class: 11 Combustible solids.**Specific use(s):**

irrelevant

8. Exposure controls / Personal protection equipment

Exposure limit values:

Limit value type (country of origin): Occupational exposure limit value:

Source: GESTIS

Components with workplace or biological limit values to be monitored:

Substance: ethanol

CAS-No.: 64-17-5

EC-no.: 200-578-6

OEL (GB): 1920 mg/m³OEL(USA-NIOHS): 1900 mg/m³OEL(USA-OSHA): 1900 mg/m³**Exposure controls****Occupational exposure controls:**

Respiratory protection required in case of: In the case of the formation of dust.

Respiratory protection:

Suitable respiratory protective equipment: half-mask with filter according to EN 149.

The filter class must be suitable for the maximum contaminant concentration

(gas/vapour/aerosol/particulates) that may arise when handling the product.

If the concentration is exceeded, closed-circuit breathing apparatus must be used!

Hand protection:

Hand protection: not required.

Eye protection:

Dust protection goggles.

Skin protection:

Skin protection: not required.

Environmental exposure controls:

Do not empty into drains or the aquatic environment.

Consumer exposure controls:

irrelevant

9. Physical and chemical properties

Appearance	
State of matter:	Powder
Paint:	white
Odour:	odourless
Safety relevant basis data	
pH:	5.5 – 7.5
Melting point / melting range:	irrelevant
Boiling temperature / boiling range:	not applicable
Flash point:	not applicable
Flammability:	irrelevant
Explosion hazard:	Dust explosion category: St 1
Lower explosion limit:	30 g/m ³
Upper explosion level:	not determined
Ignition temperature:	no data available
Oxidizing characteristics:	not oxidizing.
Vapour pressure:	irrelevant
Density:	approx. 1.5 g/cm ³
Solubility in water:	insoluble
Fat solubility:	insoluble
Solubility in:	irrelevant
Distribution coefficient (n-octanol / water) (log P O/W):	not applicable
Viscosity:	irrelevant
Relative vapour density:	irrelevant
Speed of vaporization/evaporation rate:	not applicable
Solvent separation test:	not applicable
Solvent content:	< 3 % (Ethanol)
Package density:	700 - 900 kg/m ³
General information:	
irrelevant	

10. Stability and reactivity

Conditions to avoid:
Decomposition takes place from temperatures above: 200 °C
Keep away from sources of ignition - No smoking.

Materials to avoid:
irrelevant

Hazardous decomposition products:
Carbon monoxide. Carbon dioxide.

Additional information:
irrelevant

11. Toxicological information

Acute toxicity:
irrelevant

Specific symptoms in laboratory animals:
No information available.

Irritation and etching

Irritant effect on the skin: Not an irritant.
Irritant effect on the eye: Not an irritant.
Irritant effect on the respiratory tract: Not an irritant.

Sensitization:

no danger of sensitization.

Repeated dose toxicity:

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

No data available

Additional information:

Mechanical action of the product (e.g. unwanted adherence) may cause damages.

Practical experience:

irrelevant

Other observations:

irrelevant

General remarks:

irrelevant

12. Ecological information

Ecotoxicity:

No data available

Mobility:

irrelevant

Persistence and Biodegradation:

not persistent.

Bioaccumulative potential:

No indication of bio-accumulation potential.

Results of PBT assessment:

This substance does not meet the criteria for classification as PBT or vPvB.

Other harmful effects:

irrelevant

Further ecological information:

Do not allow uncontrolled leakage of product into the environment.

Further details:

irrelevant

13. Disposal considerations

Appropriate disposal/Product:

Waste disposal according to official state regulations.

Control report for waste code/ waste marking according to EAKV:

Waste key product: 07 07 99 – wastes nos
Waste key packaging: 15 01 06 – mixed packaging

Contaminated packaging:
Cleaned containers may be recycled.

Remark:
According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

14. Transport information**Overland transport (ADR/RID)**

Official directive for the transport:

UN No.:
Label: **Packing Group:** **Classification code:**
Remark: Not a hazardous material with respect to these transportation regulations.

Transport by sea (IMDG)

Proper Shipping name:

UN-No.:
Label: **Packing Group:**
EmS-No: **MFAG:** **Marine pollutant:**
Special Provisions:
Remark: Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO-TI / IATA-DGR)

Proper Shipping name:

UN/ID-No.:
Label: **Packing Group:**
Remark: Not a hazardous material with respect to these transportation regulations.
Mailing: Not classified for this carrier.

15. Regulatory information

Labeling:
The classification and identification based on the criteria in Annex I to Regulation (EC) 1272/2008

For this preparation a chemical safety assessment has been carried out: No

Danger symbol(s) and danger term(s) for dangerous materials and preparations:
irrelevant
Phrases R: irrelevant
Phrases S: irrelevant

Hazard pictograms: irrelevant

Signal word: irrelevant

Phrases H: irrelevant

Phrases P: irrelevant

210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

240 Ground/bond container and receiving equipment.

241 Use explosion-proof electrical/ventilating/lighting equipment.

281 Use personal protective equipment as required.

Hazardous component(s) for labelling:

irrelevant

Special labelling of particular preparations:

irrelevant

EU-Regulations:

Data concerning the Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL):

Contains: Ethanol.

Regulation (EC) No 648/2004 (Detergents regulation):

irrelevant

National regulations:

Moreover, national legislation has to be observed!

Informations on working limitations:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe employment restrictions under the law for the protection of young people at work (94/33/EC).

Disturbance Ordinance:

irrelevant

Storage class:

11 Combustible solids.

Water Hazard Class:

1 not hazardous for water

Technical Instructions on Air Quality (TA-Luft):

irrelevant

Further regulations, limitations and legal requirements:

irrelevant

16. Other information

Wording of the H and R-phrases under paragraph 3:

H225 Highly flammable liquid and vapour.

R11 Highly flammable.

Training instructions:

irrelevant

Recommended restrictions of use:

irrelevant

Further remarks:

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Documentation of changes:

| Data changed from previous versions

Data sources:

Data arise from reference works and literature.

GESTIS- database

Directive 67/548/EEC

Directive 1999/45/EC

Regulation(EC) 1272/2008 (CLP)
