

1. Identification of the substance or mixture and of the supplier

Trade name: Charcoal

Supplier/Manufacture Name "Decom", Ltd

Address 665718, Russia, Irkutskaya obl., Bratsk, P 10 15 01 01

Emergency phone +7 (3953) 49-51-24

2. Hazard identification

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Self-heating substances and mixtures – 1.

Pictogram:



Signal word:

Danger

Hazard Statement:

H251 Self-heating; may catch fire

Precaution Statements (Prevention):

P235 Keep cool.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Storage:

P407 Maintain air gap between stacks/pallets.

P420 Store away from other materials.

3. Composition/information on ingredients

Compound	№CAS	№EC
Charcoal	16291-96-6	240-383-3

4. First-aid measures

First aid measures

Ingestion:

Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor.

Inhalation:

Supply fresh air; consult doctor in case of complaints.

Skin contact:

Generally the product does not irritate the skin. Immediately wash with water and soap and rinse thoroughly.

Eye contact:

Immediately remove contact lenses if present. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Most important symptoms

Skin and eye contact:

Redness, mechanical irritation, in case of repeated and prolonged contact causes skin dryness and cracking. In case of fire product may cause burns.

Inhalation:

Discomfort to the upper respiratory tract, resulting in coughing and wheezing.

Ingestion:

Ingestion of large amounts may cause gastrointestinal irritation.

5. Fire-fighting measures

Combustible and self-heating product.

Extinguishing media:

Use fire extinguishing methods suitable to surrounding conditions. Water haze. Fire-extinguishing powder. Dry sand.

Advice for firefighters:

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Personal precautions:

Wear personal protective equipment. During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

Environmental precautions:

Material poses no significant environmental hazards. Minimize contamination of sewage water, soil, groundwater, drainage systems, or bodies of water.

Methods for cleaning up:

Collect mechanically. Treat the assimilated material according to the section on waste disposal.

7. Handling and storage

Handling:

Use only in well ventilated areas. Ensure good ventilation/exhaustion at the workplace. Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal. Wear suitable respiratory protective device when decanting larger quantities without extractor facilities. Handle with care. Avoid jolting, friction and impact.

Storage:

Material should be stored in a clean, dry, uncontaminated and well-ventilated area away from exposure to high temperatures, open flames, strong oxidizers.

Container:

Paper bags.

8. Exposure controls/personal protection

Respiratory protection:

Not necessary if well-ventilated. Use suitable respiratory protective device when high concentrations.

Other protective clothing or equipment:

Safety glasses with side-shields are recommended. Handle with gloves.

Environmental exposure control:

Minimize the waste generation. Avoid dispersal of spilled substance and contact with the soil, waterways, drains and sewers.

9. Physical and chemical properties

Physical state:	Solid
Colour:	Dark grey to black.
Odor:	Odorless.
pH (aqueous suspension):	Not applicable.
Humidity:	Not applicable.
Evaporation rate:	Not applicable.
Vapor density:	Not applicable.
Vapor pressure:	Not applicable.
Boiling point:	Not applicable.
Freezing point:	Not applicable.
Flash point:	Not applicable.
Autoignition temperature:	340°C
Solubility in water:	Insoluble.
Particle sizes:	Not specified.

Density:	400 kg/m ³ .
Viscosity:	Not applicable.
10. Stability and reactivity	
<u>Stability:</u> Stable under recommended storage conditions.	
<u>Material with which substance is incompatible:</u> Protect from moisture, heat and direct sunlight.	
<u>Possibility of hazardous reactions:</u> No data available.	
<u>Conditions to avoid:</u> Prevent exposure to high temperatures and open flames.	
11. Toxicological information	
DL50(rat, oral)>5000 mg/kg	
<u>Effects of long-term exposure:</u> Possible risk of damage to the health by prolonged exposure through inhalation of dust.	
<u>Irritancy:</u> Product cause irritation of skin. May cause mechanical eye irritation.	
<u>Carcinogenicity:</u> The product is not considered to be carcinogenic.	
<u>Bioaccumulation:</u> The product is not considered to have bioaccumulative properties.	
<u>Mutagenicity:</u> No information available about the product.	
<u>Reproductive toxicity:</u> No information available about the product.	
12. Ecological information	
Effect on plants and animals and aquatic life:	Product possesses no significant environmental hazard, influences on water transparency.
Biodegradability:	No data available.
Ecotoxicity:	No data available.

13. Disposal considerations

Recycle or dispose of in accordance with prevailing regulations, by a recognised collector or contractor. The competence of the contractor to deal satisfactorily with this type of product should be established beforehand.

Dispose the product and any by-products in accordance with the requirements of environmental protection, waste disposal legalization and the requirements of the local authorities. Waste should be collected in a special container and sent for incineration or disposal to the authorized landfill. Burn wastes in a chemical incinerator equipped with an afterburner and scrubber.

14. Transport information

Transported in containers in accordance with the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), the Regulations of the International Carriage of Dangerous Goods by Rail (RID), of the International Maritime Dangerous Goods (IMDG Code), by the European agreement Concerning the International Carriage of Dangerous goods by Inland Waterways (ADN) and Annex 2 Rules of transportation of dangerous goods to the Agreement on International Goods Transport (SMGS).

IMDG:

UN number:	1361
Proper shipping name:	Carbon animal or vegetable origin
Class:	4.2
Subsidiary risk (s):	-
Packing group:	III
Special provisions:	925
Marine pollutant:	No

RID:

UN number:	1361
Class	4.2
Classification code:	S2
Packing instructions:	P002, IBC06
Special packing provisions:	PP12
Special provision:	-

IATA:

UN number	1361
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Packing group:

Passengers and cargo aircraft

EQ

	Forbidden
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Packing instruction:	Forbidden
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Maximum net quantity per packing:	Forbidden
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Only cargo aircraft:

Packing instruction:	Forbidden
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Maximum net quantity per packing:	Forbidden
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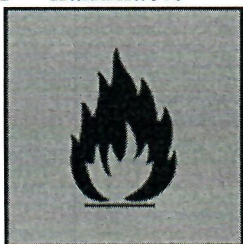
ERG Code	4L
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15. Regulatory information

Directives 67/548/EEC and 1999/45/EC:

Hazard symbol(s):

F – flammable



R-phrases:

R10

Flammable.

S-phrases:

S8

Keep container dry

S9

Keep container in a well-ventilated place

S13

Keep away from food, drink and animal foodstuffs

S15

Keep away from heat

S16

Keep away from sources of ignition - No smoking

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

No data available.

Chemical Safety Assessment:

No data available.

16. Other information including information on preparation and revision of the SDS

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Definition of terms

Definition of abbreviations used in MSDS:

EC50

Effective concentration for inhibition of 50% of isolates

Material Safety Data Sheet

Product: Charcoal

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LC50	Median lethal concentration.
LD50	Median lethal dose.
IMDG	International Maritime Dangerous Goods Code.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
IATA	International Air Transport Association
... END OF SDS...	

For and on behalf of INCOLAB SERVICES RUSSIA S.C.



Date 15.06.2018