

MATERIAL SAFETY DATA SHEET

According to EC No. 1907/2006

Date of preparation: 05.12.2015

Version: 1



Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY'S IDENTIFICATION

1.1. PRODUCT IDENTIFIER

Trade name: **RU58841**
CAS number: **154992-24-2**
EC number: **see section 2.1**
Index number: **see section 2.1**

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

A chemical reagent intended for laboratory / testing use

1.3. DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Supplier Group-Buys Patryk Paluch
Pełkinie 14A
37-511 Wólka Pełkińska
e-mail: group-buys@outlook.com

1.4. EMERGENCY TELEPHONE NUMBER

.....
Polish national emergency calls: Ambulance 999; Police 997; Fire Brigade 998; SOS mob. phones 112

Section 2: HAZARDS IDENTIFICATION. EMERGENCY OVERVIEW

2.1. SUBSTANCE OR MIXTURE CLASSIFICATIONS

Product Classification

by Reg. MZ OJ 2003, no. 171, pos. 1666 as amended changes / Dir. EU 1999/45/EC and Dir. EU 67/548/EEC

The product is not classified as hazardous.

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

by Reg.(EC) No. 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity – single exposure (Category 3)

2.2. LABEL ELEMENTS

Labeling according to Reg. (EC) No 1272/2008 [CLP]

Pictogram:

Signal word:

Hazard statement(s):

H302

H315

H319



Warning

Harmful if swallowed

Causes skin irritation

Causes serious eye irritation

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H335

May cause respiratory irritation

Precautionary statement(s):

P261

Avoid breathing dust.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Supplemental Hazard Statements:

None

According to European Directive 67/548/EEC as amended



Hazard symbol(s):

R-phrases(s):

R22

Harmful if swallowed

R36/37/38

Irritating to eyes, respiratory system and skin

S-phrases(s):

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36/37

Wear suitable protective clothing and gloves

2.3. Other hazards

There are no known risks to human health and the environment posed by the product used as intended and the manufacturer's instructions contained in the MSDS..

Section 3: COMPOSITION/INFORMATION ABOUT INGREDIENTS

3.1. CHEMICAL CHARACTERIZATION: Substances

Name according to CAS No.

154992-24-2

4-(4,4-Dimethyl-2,5-dioxo-3-(4-hydroxybutyl)1-imidazolidinyl)-2-(trifluoromethyl)benzonitrile;4-[3-(4-Hydroxybutyl)-4,4-dimethyl-2,5-dioxo-1-imidazolidinyl]-2-(trifluoromethyl)benzonitrile

Section 4: FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID

General recommendations

Consult a physician immediately if symptoms persist or worsen after granting the aid as described below. If you require assistance / medical consultation show MSDS to the doctor / medical staff offering assistance.

Eye contact

Rinse with running water for at least 15 minutes.

Skin contact

Rinse with running water for at least 15 minutes. Get rid of contaminated clothes.

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Inhalation

Move to fresh room and monitor breathing. If breathing is difficult, use oxygen.

Swallowing

Rinse under running water. Consult a physician.

Protection for first aid

Avoid direct contact with the substance.

4.2. ACUTE AND DELAYED SYMPTOMS AND EFFECTS OF EXPOSURE

No relevant data available.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No relevant data available.

Section 5: FIRE - FIGHTING

5.1. FIRE FIGHTING MEASURES

Suitable: carbon dioxide, dry chemical, foam, water spray. When selecting the extinguishing agent, take into account other burning materials.

Incorrect: not known.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Specific hazards of the substance / mixture

Not known.

Hazardous thermal decomposition products

Not known.

5.3. ADVICE FOR FIREFIGHTERS

Protective measures taken during firefighting

Follow the procedures for burning of chemicals.

Special protective equipment for firefighters

Suitable to the conditions and size of the fire.

Section 6: PROCEDURES IN CASE OF THE UNINTENTIONAL RELEASE INTO THE ENVIRONMENT

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Lack of special requirements. Avoid long-lasting and direct contact with the product. Apply gloves and protective clothes.

6.2. ENVIRONMENTAL PRECAUTIONS

Not applicable.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEARING UP

Collect a small released amount of product and treat as household waste. For large spills, collect them to the container in accordance with applicable regulations.

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6.4. REFERENCES TO OTHER SECTIONS

Information concerning:

contact with the substance – section 4;

storing – section 7;

suitable equipment for personal safety – section 8;

further waste procedures – section 13.

Section 7: HANDLING AND STORAGE

While using and storing the product, follow the regulations of health and safety at work (see section 15).

7.1. PRECAUTIONS CONCERNING SAFETY PROCEDURES

Precautions

Use according to the manufacturer's specifications and recommendations contained in the MSDS. Avoid inhalation, eye contact and skin contact. Wear suitable protective clothes. Comply with the rules of hygiene.

7.2. CONDITIONS OF SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES STORING

Store in sealed, unopened packages in a dry, cool place. Protect the product from direct sunlight. Keep out of reach of children and pets.

Recommended temperature of storing

(+4)[°C] – (-20)[°C]

Shelf-life

The storage life is 12-24 months depending on the storage conditions and frequency of moving the substances.

Section 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Occupational exposure limits in the workplace

(Reg. Ministry of Labour dated 29 November 2002., Journal of Laws No. 217, item. 1833 with subsequent amendments)

The components of the product for which a workplace exposure limits are established: No

Recommended monitoring procedures: Not applicable

Biological limit values: Not applicable

8.2. EXPOSURE CONTROL

Technical control procedures: No particular recommendations

Personal protection

The necessity of applying suitable personal protection shall consider every type of hazard created by the product, the work conditions and handling the product.

In the conditions of use, comply with the rules set out in section 6 and 7

Environmental exposure control: No particular information

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Section 9: PHYSICAL AND CHEMICAL CHARACTERISTICS

9.2. INFORMATION ON PHYSICAL AND CHEMICAL CHARACTERISTICS

Form:	powder
Colour:	white
Molecular Weight:	~369 g/mol
PH:	undefined
Change mp:	melting point – 103-105 °C boiling point – no data available
Flash point:	no data available
Ignition temperature:	no data available
Solubility in water:	insoluble
Solubility in ethanol:	soluble
Viscosity:	no data available

9.3. OTHER INFORMATION: none

Section 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

Product is not reactive.

10.2. CHEMICAL STABILITY

In normal conditions the product is stable.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No.

10.4. POSSIBILITY OF HAZARDOUS REACTIONS

High sun exposure. High temperature.

10.5. INCOMPATIBLE MATERIALS

Strong oxidizing agents.

10.6. HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen fluoride.

Section 11: TOXICOLOGICAL INFORMATION

General information

According to the applicable law, the product is not classified as a hazardous.

11.1. INFORMATION CONCERNING THE TOXICOLOGICAL EFFECTS

May be toxic by inhalation, in contact with the skin, eyes and if swallowed

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Section 12: ECOLOGICAL INFORMATION

General information

According to the applicable law, the product is not classified as a hazardous.

Section 13 : WASTE MANAGEMENT

General Information

Dispose of in a manner consistent with federal, state and local regulations..

13.1 WASTE MANAGEMENT

Waste code

(the Regulation of the Minister of Environment of 27 September 2001 on waste catalogue, Journal of Law No. 112 item 1206) 15 01 01 Packages made of paper and cardboard.

Product waste

Single waste product dispose as household waste.

Large quantities of waste dispose in authorized incineration plants or waste facility in accordance with applicable regulations (Act of 27 April 2001 on waste, the uniform text, Journal of Law of 2010 No. 185, item 1243 with later amendments).

Packaging waste

Packaging waste after individual products clean and dispose as household waste.

Large quantities of packaging waste contaminated with residues of products dispose of in accordance with regulations (Act of 11 May 2001 on packaging and waste packaging, Journal of Law No. 63, item 638 with later amendments).

Section 14: INFORMATION ON TRANSPORT

CLASSIFICATION

The product is not a hazardous material in the meaning of transport regulations concerning the carriage of dangerous goods by land (RID ADR), maritime (IMDG) and air (IATA).

NOTE: Protect the product from atmospheric conditions during the carriage.

Section 15: INFORMATION CONCERNING LAW

15.1. LEGAL REGULATIONS CONCERNING SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

Act of 25 February 2011 on chemical substances and their mixtures (Journal of Law 2011 No. 63, item 322)

Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the registration, evaluation, authorization and restriction of chemicals (REACH) establishing European Chemicals Agency, amending Directive 1999/45 / EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769 / EEC and Directive 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC (corrigendum OJ L 136 of 29.05.2007 r., as amended.)

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending regulation (EC) No 1907/2006 of The European Parliament and of the Council of 18 December 2006 concerning the registration, evaluation, authorization and restriction of chemicals (REACH) (EU Journal of Law L 133, 31.05.2010)

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Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directive 67/548 / EEC and 1999/45 / EC and Regulation (EC) No 1907/2006 (EU Journal of Law L 353 of 31.12.2008., as amended.)

Regulation of the Minister of Health of 2 September 2003 on criteria and classification of chemical substances and preparations (Journal of Laws of 2003. No. 171, item. 1666; 2004. No. 243, item. 2440; 2007. No. 174, item.1222; from 2009 No. 43, item 353)

Regulation of the Minister of Labour and Social Policy of 29 November 2002 on maximum permissible concentration and intensity of harmful factors in the work environment (Journal of Laws of 2002. No. 217, item. 1833; 2005. No. 212, item. 1769, 2007. No. 161, item. 1142; 2009. No. 105, item. 873, 2010. No. 141, item 950)

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of harmful factors in the work environment (Journal of Laws of 2011. No. 33, item 166)

Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protective equipment (Journal of Laws of 2005. No. 259, item. 2173)

Minister of Labour and Social Policy of 26 September 1997 on general safety and hygiene (consolidated text. OJ 2003. No. 169, item. 1650; 2007. No. 49, item . 330; 2008. No. 108, item. 690 of 2011. No. 173, item. 1034)

15.2. THE CHEMICAL SAFETY ASSESSMENT according to (EC) No. 1907/2006

The product is not classified as a hazardous.

Section 16: OTHER INFORMATION

Meaning of the symbols, abbreviations and phrases.

Explanation of abbreviations and acronyms found in the MSDS

EC European Community

RID Regulations concerning the International Carriage of Dangerous Goods

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG International Maritime Dangerous Goods Code

IATA International Air Transport Association

Additional information

Material Safety Data Sheet prepared on the basis of the characteristics of the product, laws, and their knowledge and experience.

Material Safety Data Sheet is not a testament of the quality of the product; the testament of quality is a certificate of analysis. The data included in the MSDS shall be understood as support and guidance for safe handling in transport, distribution, use and storage of the product.

Information included in the MSDS apply only to the product mentioned and its specific applications. They may be out of date or insufficient for this product used in combination with other materials or in other applications than those mentioned in the MSDS.

It is not recommended to use the substance for purposes other than those listed in section 1 of the safety data sheet.

The user of the product is required to comply with all applicable standards and regulations, as well as to responsibility resulting from misuse of the information included in the MSDS or improper use of the product.