



MATERIAL SAFETY DATA SHEET

MSDS for Buki France 2225 Mini Volcano

Issuing Date: 19-June-2024

Revision Date: 19-June-2024

Version: 01

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

Product identifier

Product Name: Baking soda

Recommended use of the chemical and restrictions on use

Application of the substance / the preparation: MSDS for Buki France 2225 Mini Volcano

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Name: Fuchen (Tianjin) Chemical Reagent Co., Ltd.

Address: No. 7, No. 2 Branch Road, South Fenhe Road, Tiedong Road, Tianmu Town, Beichen District, Tianjin, China

Tel: 022-26718177

E-mail: tjfch@126.com

Fax: 022-26720197

Other EU contact point: Not available

Further information obtainable from: Fuchen (Tianjin) Chemical Reagent Co., Ltd.

Emergency telephone number:

Mr Zhang

Tel: (86)15861782259

Poison Center

Tel: +1 800 222 1222

Reference Number: -

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008

This product is not classified according to the CLP regulation.

Information concerning particular hazards for human and environment:

The product has not to be labeled due to the calculation procedure of Regulation 1272/2008/EC.

Classification system:

The classification is according to the latest edition of EU Regulation 1272/2008/EC, and extended by company and literature data.

Label elements

Labelling according to Regulation (EC) No 1272/2008 Not applicable.

Hazard pictograms Not applicable.

Signal word Not applicable.

Hazard-determining components of labeling: Not applicable.

Hazard statements Not applicable.

Precautionary statements Not applicable.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

VPvB: Not applicable.

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3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization: Pure Substance

Description: Mixture of the substances listed below with non-hazardous additions.

Composition:

144-55-8	Sodium Bicarbonate	99%
25956-17-6	Allura Red AC	1%

Remark: All ingredients listed above are classified according to EU Regulation 1272/2008/EC.

4. FIRST-AID MEASURES

Description of first aid measures

After inhalation: Supply fresh air consult doctor in case of complaints.

After Skin Contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye Contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth with water.

Never give anything by mouth to an unconscious person.

Seek medical treatment.

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing agents: Use fire fighting measures that suit the environment.

Special hazards arising from the substance or mixture No further relevant information available.

Special protective equipment and precautions for firefighters

Protective equipment:

Wear fully protective suit.

Mouth respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation

Avoid formation of dust.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid contact with eyes.

Avoid contact with skin.

Environmental precautions: Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Pick up mechanically.

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Dispose contaminated material as waste according to item 13.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Prevent formation of dust.

Avoid contact with skin and eyes.

For the general occupational hygienic measures refer to section 8.

Information about protection against explosions and fires: Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities

Requirement to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information: The lists that were valid during the creation were used as basis.

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure:

Appropriate engineering controls:

Ensure good ventilation/exhaustion at the workplace.

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Prevent formation of dust.

Avoid contact with skin and eyes. See section 7 for information about design of technical facilities.

Personal protective equipment:

Breathing equipment: Suitable respiratory protective device recommended.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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Eye protection:



Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance:

Form:	Powder
Color:	White
Odor:	Odorless
Odor threshold:	Not available
pH-value:	Not available
Change in condition	
Melting point/Melting range:	300°C (572°F)
Freezing point:	300°C (572°F)
Boiling point/Boiling range:	Not available
Flash point:	Not available
Flammability (solid, gaseous):	Not available
Auto-Ignition temperature:	Not available
Decomposition temperature:	Not available
Explosion limits:	
Lower:	Not available
Upper:	Not available
Vapor pressure:	Not available
Density:	Not available
Relative density	2.160g/cm ³
Vapor density	Not available
Evaporation rate	Not available
Solubility in / Miscibility with	
Water:	50g/L
Partition coefficient (n-octanol/water):	Not available
Viscosity:	
Dynamic:	Not available
Kinematic:	Not available
Other information	No further relevant information available

10. STABILITY AND REACTIVITY

Reactivity No decomposition if used according to specification.

Chemical Stability Stable under recommended storage conditions.

Possibility of hazardous reactions No dangerous reactions know.

Conditions to Avoid No further relevant information available.

Incompatible Materials No further relevant information available.

Hazardous Decomposition Products No dangerous decomposition products know.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC50 values that are relevant for classification: LD50 4220 mg/kg (Rat)

Primary irritant effect:

Skin corrosion/irritation: Irritating effect possible.

Serious eye damage/irritation: Irritating effect possible.

Respiratory or skin sensitization: Sensitization possible.

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Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients is listed

NTP (National Toxicology Program)

None of the ingredients is listed

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Result of PBT and vPvB assessment

PBT: Not applicable.

VPvB: Not applicable.

Other adverse effects No further relevant information available.

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation: Smaller quantities can be disposed of with household waste.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

UN-Number

DOT, IMDG, IATA

Not applicable

UN Proper shipping name

DOT, IMDG, IATA

Not applicable

Transport hazard class (es)

DOT, IMDG, IATA

Not applicable

Class

Not applicable

Packing group

DOT, IMDG, IATA

Not applicable

Environmental hazards

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Special precautions for user

Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

Transport/ Additional information:

Not dangerous according to the above specifications.

UN "Model Regulation":

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

Directive 2012/18/EU

Named dangerous substances- ANNEX I None of the ingredients is listed.

National regulations:

National regulations:

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

Other regulations, limitations and prohibitive regulations

SVHC Candidate List o REACH Regulation Annex XIV Authorisation (12/1/2017)

None of the ingredients is listed.

REACH Regulaion (EC) No 1907/2006 Annex XVII Restriction

See Section 16 for infromation about restriction of use.

None of the ingredients is listed.

REACH Regulation Annex XIV Authorisation List

None of the ingredients is listed.

Chenical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Date of preparation / last revision 04/06/2024/-

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

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PNEL: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 Percent.

LD50: Lethal dose, 50 percent.

PBT: Persistent, Bioaccumulative and Toxic

VPvB: very Persistent and very Biaccumulative

End of Safety Data Sheet

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