

KODA™ Potassium Bicarbonate 50/100/200

SAFETY DATA SHEET



ACCORDING TO US CFR 1910.1200

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name KODA™ Potassium Bicarbonate 50/100/200
CAS No. Not applicable.

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

Identified Use(s) Permitted food additive
Uses Advised Against None known

1.3 Details of the supplier of the safety data sheet

Manufacturer & Supplier
Company Identification Kudos Blends Ltd
Address of Manufacturer Old Station Business Park
Cleobury Mortimer
Kidderminster
United Kingdom

Postal code DY14 8SY
Telephone +44 (0)1299 271333
E-mail info@kudosblends.com
Office hours 08:30 - 17:00
Contact Technical Team

1.4 Out-of-hours Emergency telephone number

Emergency Phone No. +44 (0)7489 271333
Contact Senior Manager on call

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

US CFR 1910.1200 Not classified as dangerous for supply/use.

2.2 Label elements

According to US CFR 1910.1200
Product Name(s) KODA™ Potassium Bicarbonate 50/100/200

Hazard Pictogram(s) None.

Signal Word(s) None.

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Hazard Statement(s) None.

Precautionary Statement(s) None.

2.3 Other hazards

Decomposition products may include carbon oxides.

2.4 Additional Information

None.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
potassium hydrogencarbonate	298-14-6	>97	Not classified	None
calcium distearate	1592-23-0	<1.7	Not classified	None
silicon dioxide	7631-86-9	<1.3	Not classified	None

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact Wash skin with water.

Eye Contact Flush eyes with water for at least 15 minutes.

Ingestion Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None.

5.2 Special hazards arising from the substance or mixture

Heating may cause decomposition, releasing carbon oxides.

5.3 Advice for firefighters

As appropriate for surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Sweep spilled substances into containers if appropriate moisten first to prevent dusting.

6.4 Reference to other sections

See Also Sections 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Observe basic hygiene procedures. Wear PPE as required.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient. Keep Container Dry.

Storage life Stable under normal conditions.

Incompatible materials Acids. Prolonged contact with aluminium, brass, copper, lead tin, zinc or other alkali sensitive alloys.

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7.3 Specific end use(s)

Permitted food additive

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure

Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Calcium stearate	1592-23-0		10			OSHA PEL
Stearates	1592-23-0		10			ACGIH TLV, I, J
Stearates	1592-23-0		3			ACGIH TLV, R, J
Amorphous, including natural diatomaceous earth	7631-86-9	20	80			OSHA PEL_Table Z-3, mg/m ³ value divided by (% SiO ₂ + 2)
Amorphous, including natural diatomaceous earth	7631-86-9		6			CAL-OSHA PEL_Table Z-3, total dust
Amorphous, including natural diatomaceous earth	7631-86-9		3			CAL-OSHA PEL_Table Z-3, resp.
Amorphous, including natural diatomaceous earth	7631-86-9	20	80			OSHA PEL_Table Z-3
Amorphous, including natural diatomaceous earth	7631-86-9		6			NIOSH REL Z-3

Remark	Notes
OSHA PEL	Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs).
ACGIH TLV	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®) 2018
I	Measured as Inhalable fraction of the aerosol
J	Does not include stearates of toxic metals
R	Measured as respirable fraction of the aerosol
OSHA	Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs) Table Z-3

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PEL_Table Z- Mineral Dusts.

3

mg/m³ value The PEL in mg/m³ is calculated by dividing by the percentage SiO₂ +2.

divided by (%)

SiO₂ + 2)

CAL-OSHA California Division of Occupational Safety and Health (CAL-OSHA) Permissible Exposure

PEL_Table Z- Limits (PELs) Table Z-3 Mineral Dusts.

3

total dust Total dust form

resp. Respirable

NIOSH REL Z- National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure

3 Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-3: Up to 10-hour time weighted average (TWA) during a 40-hour work week

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Not normally required.



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid - Powder
Colour	White
Odour	Odourless
Odour threshold	Not known
pH	8.0-9.0
Melting point/freezing point	Not known
Initial boiling point and boiling range	Not applicable
Flash Point	Not applicable
Evaporation rate	Not known
Flammability (solid, gas)	Not flammable
Upper/lower flammability or explosive limits	Not explosive
Vapour pressure	Not known
Vapour density	Not known
Density (g/ml)	Not known
Relative density	0.77-0.99
Solubility(ies)	Solubility (Water) : 21.8g/100ml Solubility (Other) : Not known
Partition coefficient: n-octanol/water	Not known
Auto-ignition temperature	Not applicable
Decomposition Temperature (°C)	100-200
Viscosity	Not applicable
Explosive properties	Not explosive
Oxidising properties	Not oxidising

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

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10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Prolonged contact with aluminium, brass, copper, lead tin, zinc or other alkali sensitive alloys.

10.5 Incompatible materials

Acids.

10.6 Hazardous decomposition products

Heating may cause decomposition, releasing carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Low acute toxicity
Acute toxicity - Skin Contact	Low acute toxicity
Acute toxicity - Inhalation	Low acute toxicity
Skin corrosion/irritation	Non-irritant
Serious eye damage/irritation	Non-irritant
Skin sensitization data	Not classified
Respiratory sensitization data	Not classified
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	Not classified
Lactation	Not classified
STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Aspiration hazard	Not classified

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

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12.2 Persistence and Degradation
Not known.

12.3 Bioaccumulative potential
Not known.

12.4 Mobility in soil
Not known.

12.5 Other adverse effects
Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Dispose at suitable refuse site.

13.2 Additional Information
No special precautions are required for this product.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number
Not applicable

14.2 UN proper shipping name
Not applicable

14.3 Transport hazard class(es)
Not applicable

14.4 Packing group
Not applicable

14.5 Environmental hazards
Not classified as a Marine Pollutant.

14.6 Special precautions for user
Not known

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not known

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SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Toxic and hazardous substances (29 CFR 1910; Subpart Z)	Not listed
National emission standards for hazardous air pollutants (40 CFR 61.01)	Not listed
SARA Title III Section 313	Not listed
TSCA (Toxic Substance Control Act)	Listed : 298-14-6 (Active), 1592-23-0 (Active), 7631-86-9 (Active)
CAA 602 - Ozone Depleting Substances (ODS)	Not listed

15.2 US State Regulations

State Right to Know Lists	
Proposition 65 (California)	Listed : 7631-86-9
Minnesota	Listed : 7631-86-9
New Jersey	Not listed
Pennsylvania	Listed : 7631-86-9
Rhode Island	Not listed

15.3 Other

OSPAR List of Chemicals for Priority Action	Not listed
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives)	Not listed
NTP (National Toxicology Program)	Listed : 7631-86-9
IARC (International Agency for Research on Cancer)	Listed : 7631-86-9

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)	None.
Precautionary Statement(s)	None.
Acronyms	CAS : Chemical Abstracts Service LTEL : Long term exposure limit STEL : Short term exposure limit STOT : Specific Target Organ Toxicity

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