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
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

Company Identification	Kudos Blends Ltd
Address of Manufacturer/Supplier	Old Station Business Park Cleobury Mortimer Kidderminster United Kingdom
Postal code	DY14 8SY
Telephone:	+44 (0)1299 271333
Fax	Not known.
E-mail	info@kudosblends.com
Office hours	08:30 - 17:00

Supplier

1.4 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 hazardous for supply.

2.2 Label elements

According to US CFR 1910.1200

Product Name	KODA Potassium Bicarbonate
Hazard Pictogram(s)	None.
Signal Word(s)	None.
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
silicon dioxide	7631-86-9	<1.7	Not classified	None
calcium distearate	1592-23-0	<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.

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

Decomposition products may include 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 Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Not known.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature	Ambient. Keep container dry.
Storage life	Stable under normal conditions.
Incompatible materials	Acids.

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/m³)	STEL (ppm)	STEL (mg/m³)	Note
Stearates	1592-23-0		10			ACGIH TLV, I, A4, J
Stearates	1592-23-0		3			ACGIH TLV, R, A4, J
Amorphous, including natural diatomaceous earth (Total dust)	7631-86-9		6			CAL-OSHA PEL_Table Z-3
Amorphous, including natural diatomaceous earth (Respirable)	7631-86-9		3			CAL-OSHA PEL_Table Z-3
Silica, amorphous a) synthetic colloidal amorphous silica	7631-86-9		6			NIOSH REL Z-1
Amorphous, including natural diatomaceous earth	7631-86-9		6			NIOSH REL Z-3
Amorphous, including natural diatomaceous earth	7631-86-9		80			OSHA PEL_Table Z-3, (3a), (3e)

Remark Notes

ACGIH TLV	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®), 2026
I	Measured as Inhalable fraction of the aerosol
A4	Not Classifiable as a Human Carcinogen
J	Does not include stearates of toxic metals
R	Measured as respirable fraction of the aerosol.
CAL-OSHA PEL_Table Z-3	California Division of Occupational Safety and Health (CAL-OSHA) Permissible Exposure Limits (PELs) Table Z-3 Mineral Dusts, 2019
NIOSH REL Z-1	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-1: Up to 10-hour time weighted average (TWA) during a 40-hour work week, 2022
NIOSH REL Z-3	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure 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, 2019
OSHA PEL_Table Z-3	Occupational Safety and Health (OSHA) Permissible Exposure Limits (PELs) Table Z-3 Mineral Dusts, 2019
(3a)	20 mppcf (Millions of particles per cubic foot of air, based on impinger samples counted by light-field techniques. Conversion factors - mppcf × 35.3 = million particles per cubic meter = particles per c.c.
(3e)	The PEL in mg/m3 is calculated by dividing by the percentage SiO2 +2.

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 (EN ISO 16321-1).



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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid. Colour : White.
Odour	Odourless
Odour threshold	Not known.
pH	≥ 8.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
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) : 28.1g/l Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	100-200
Viscosity	Not known.
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.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

None anticipated.

10.5 Incompatible materials

Acids.

10.6 Hazardous decomposition products

Decomposition products may include carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method : Not classified.
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Not classified.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : 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.

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

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)	Not listed
Minnesota	Listed : 1592-23-0, 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.
Hazard Statement(s)	None.
Precautionary Statement(s)	None.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service LTEL : Long term exposure limit STEL : Short term exposure limit STOT : Specific Target Organ Toxicity
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