1. Identification

Product identifier

Butyl Acetate n

Recommended use

General purpose solvent.

Recommended restrictions

Use in accordance with manufacturer's recommendations.

Manufacturer/Importer/Supplier/Distributor information

RightPath Industries

60 Greenway Drive

Pittsburgh, PA 15204

Phone: 888-255-2401

Email: sales@rightpathind.com

Emergency phone number

RightPath Industries: 888-255-2401

2. Hazard(s) identification

Hazards for the product as sold

Physical hazards Flammable liquids Category 3

Hazards for the product as sold

Health hazards Specific target organ toxicity, single exposure Category 3 narcotic effects

Hazards for the product as sold

Environmental hazards Hazardous to the aquatic environment, acute Category 3

hazard

Hazards for the product as sold

OSHA defined hazards Not classified.

Label elements

Signal word Warning

Hazard statement Flammable liquid and vapor. May cause drowsiness or dizziness. Harmful to aquatic life. n Butyl Acetate SDS US

Precautionary statement

Prevention Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing mist/vapors. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. In case of fire: Use appropriate media to extinguish.

Storage Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise No additional hazards are known to be associated with the expected conditions of use at the

classified (HNOC) time of publication. This document does not address hazards that may arise from uses not reasonably anticipated by the manufacturer.

Supplemental information None.

3. Composition/information on Ingredients

Substances

Chemical name Common name and synonyms CAS number % n-Butyl acetate 123-86-4 100

Composition comments All concentrations are in percent by weight.

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

Skin contact Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important May cause drowsiness or dizziness. Headache. Nausea, vomiting. Direct contact with eyes may

symptoms/effects, acute and cause temporary irritation.

delayed

Indication of immediate medical Provide general supportive measures and treat symptomatically. Thermal burns: Flush with

attention and special treatment water immediately. While flushing, remove clothes which do not adhere to affected area. Call an

needed ambulance. Continue flushing during transport to hospital. Keep victim under observation.

Symptoms may be delayed.

General information Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a

the chemical source of ignition and flash back. During fire, gases hazardous to health may be formed.

Special protective equipment Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

and precautions for firefighters

Fire fighting In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can

equipment/instructions do so without risk. Water runoff can cause environmental damage.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards Flammable liquid and vapor.

n Butyl Acetate SDS US

6. Accidental release measures

Personal precautions, Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate protective equipment and all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate emergency procedures protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep containment and cleaning up combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge including any incompatibilities — build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)

Material Type Value

n-Butyl acetate (CAS PEL 710 mg/m3

123-86-4)

150 ppm

US. ACGIH Threshold Limit Values (TLV)

Material Type Value

n-Butyl acetate (CAS STEL 150 ppm

123-86-4)

TWA 50 ppm

NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

Material Type Value

n-Butyl acetate (CAS IDLH 1700 ppm

123-86-4) n Butyl Acetate SDS US

US. NIOSH: Pocket Guide to Chemical Hazards

Material Type Value

n-Butyl acetate (CAS STEL 950 mg/m3

123-86-4)

200 ppm

TWA 710 mg/m3

150 ppm

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering Explosion-proof general and local exhaust ventilation. Good general ventilation should be used.

controls Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical goggles are recommended.

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Skin protection

Other Wear suitable protective clothing.

Respiratory protection In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Appropriate respirator selection should be made by a qualified professional.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Physical state Liquid.

Form Liquid.

Color Colorless Clear.

Odor Sweet.

Melting point/freezing point -101.2 °F (-74 °C)

Boiling point or initial boiling 257 °F (125 °C)

point and boiling range

Flammability Flammable liquid.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) —_ Not available.

Flash point 80.6 °F (27 °C)

Auto-ignition temperature 764.6 °F (407 °C)

Decomposition temperature Not available.

pH Not available.

Kinematic viscosity 0.83 mm?/s

Kinematic viscosity temp 68 °F (20 °C)

Solubility

Solubility (water) 0.1 - < 0.1 % Slightly soluble

Partition coefficient 1.78

(n-octanol/water)

Vapor pressure Not available.

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Density and/or relative density

Density Not available.

Relative density 0.877 temperature

Vapor density Not available.

Particle characteristics Not available.

Other information

Explosive properties Not explosive.

Oxidizing properties Not oxidizing.

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous No dangerous reaction known under conditions of normal use. reactions

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents. Nitrates. Acids. Alkalis.

Hazardous decomposition No hazardous decomposition products are known. products

11. Toxicological information

Information on likely routes of exposure

Inhalation May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact Prolonged skin contact may cause temporary irritation.

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion May cause discomfort if swallowed.

Symptoms related to the May cause drowsiness or dizziness. Headache. Nausea, vomiting. physical, chemical and toxicological characteristics

Information on toxicological effects

Acute toxicity Not known.

Product Species Test Results n-Butyl acetate (CAS 123-86-4)

Acute

Dermal

LD50 Rabbit > 5000 mg/kg

Oral

LD50 Rat 10740 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye Direct contact with eyes may cause temporary irritation. irritation

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Not classifiable as to carcinogenicity to humans. n Butyl Acetate SDS US

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - | May cause drowsiness or dizziness. single exposure

Specific target organ toxicity - Not classified. repeated exposure

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity Harmful to aquatic life.

Product Species Test Results n-Butyl acetate (CAS 123-86-4)

Aquatic

Algae EC50 Scenedesmus subspicatus 674.7 mg/l, 72 hours

Crustacea EC50 Water flea (Daphnia magna) 44 mg/l, 48 hours

Fish LC50 Fathead minnow (Pimephales 18 mg/l, 96 hours promelas)

Persistence and degradability No data is available on the degradability of this substance.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

1.78

Mobility in soil No data available.

Other adverse effects No data available.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused Dispose of in accordance with local regulations. Empty containers or liners may retain some products product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

UN number UN1123

UN proper shipping name _Butyl acetates (n-Butyl acetate RQ = 5000 LBS)

Transport hazard class(es)

Class 3

Subsidiary hazard -

Label(s) 3

Packing group lll n Butyl Acetate SDS US

Environmental hazards

Marine pollutant No.

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Special provisions B1, IB3, T2, TP1

Packaging exceptions 150

Packaging non bulk 203

Packaging bulk 242

IATA

UN number UN1123

UN proper shipping name _ Buty! acetates

Transport hazard class(es)

Class 3

Subsidiary hazard -

Packing group ill

Environmental hazards No.

ERG Code 3L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number UN1123

UN proper shipping name BUTYLACETATES

Transport hazard class(es)

Class 3

Subsidiary hazard -

Packing group ll

Environmental hazards

Marine pollutant No.

EmS F-E, S-D

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to _Not established.

IMO instruments

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) This substance is on the TSCA 8(b) inventory and is designated “active”.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) n-Butyl acetate (CAS 123-86-4)

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Yes chemical

Classified hazard Flammable (gases, aerosols, liquids, or solids) categories Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)

Not regulated. n Butyl Acetate SDS US

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Clean Water Act (CWA) Hazardous substance

Section 112(r) (40 CFR

68.130)

Safe Drinking Water Act Not regulated.

(SDWA)

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace n-Buty! acetate (CAS 123-86-4) Low priority

US state regulations

US. Massachusetts RTK - Substance List n-Butyl acetate (CAS 123-86-4)

US. New Jersey Worker and Community Right-to-Know Act n-Butyl acetate (CAS 123-86-4)

US. Pennsylvania Worker and Community Right-to-Know Law n-Butyl acetate (CAS 123-86-4)

US. Rhode Island RTK n-Butyl acetate (CAS 123-86-4)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

International Inventories

Country(s) or region Inventory name On inventory (yes/no)*

Australia Australian Inventory of Industrial Chemicals (AICIS) Yes

Canada Domestic Substances List (DSL) Yes

Canada Non-Domestic Substances List (NDSL) No

China Inventory of Existing Chemical Substances in China (IECSC) Yes

Europe European Inventory of Existing Commercial Chemical Yes

Substances (EINECS)

Europe European List of Notified Chemical Substances (ELINCS) No

Japan Inventory of Existing and New Chemical Substances (ENCS) Yes

Korea Existing Chemicals List (ECL) Yes

New Zealand New Zealand Inventory Yes

Philippines Philippine Inventory of Chemicals and Chemical Substances Yes

(PICCS)

Taiwan Taiwan Chemical Substance Inventory (TCSI) Yes

United States & Puerto Rico = Toxic Substances Control Act (TSCA) Inventory Yes *A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A""No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

Issue date 06-August-2026

Revision date 06-August-2026

Version # 01

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