





Page: 1 of 11

Infosafe No^{TM} IMER9 Issue Date : February 2020 ISSUED by IMCDAST

Product Name Butanox LPT-IN

Classified as hazardous

1. Identification

GHS Product Butanox LPT-IN

Identifier

Product Code 5405885

Company Name IMCD Australia Pty Ltd (ABN 44 000 005 578)

Address 1st Floor, 372 Wellington Road Mulgrave

VIC AUSTRALIA

Telephone/Fax Tel: (03) 8544 3100 (Business hours)

Number Fax: (03) 8544 3299

Emergency phone

1800 625 526

number

Emergency Contact

Address

NEW ZEALAND

Emergency Response: 0800 500 288

IMCD New Zealand Limited 459 Great South Road Penrose, Auckland Ph: (09) 582 0250 Fax (09) 525 0030

E-mail Address reg@imcd.com.au

Recommended use of

the chemical and restrictions on use

restrictions on use Additional

Information
Other Information

Curing agent.

It is the user's responsibility to determine the suitability of this product

for their applications and their methods of use.

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT

WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN

APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON

REQUEST.

2. Hazard Identification

GHS classification of the

substance/mixture

Classified as Hazardous according to the Globally Harmonised System of

Classification and Labelling of Chemicals (GHS) including Work, Health and

Safety Regulations, Australia. Flammable Liquids: Category 4 Organic Peroxides: Type D

> Acute Toxicity - Oral: Category 4 Acute Toxicity - Dermal: Category 5 Skin Corrosion/Irritation: Category 1B Eye Damage/Irritation: Category 1 Acute Toxicity - Inhalation: Category 4 STOT Single Exposure: Category 2

Germ Cell Mutagenicity: Category 2 Hazardous to the Aquatic Environment - Long-Term Hazard: Category 2

Signal Word (s) DANGE

Hazard Statement (s) H227 Combustible liquid.

H242 Heating may cause a fire. H302 Harmful if swallowed.

H313 May be harmful in contact with skin. H314 Causes severe skin burns and eye damage.

H332 Harmful if inhaled.





Page: 2 of 11

IMER9 Infosafe No™ Issue Date : February 2020 ISSUED by IMCDAST

Product Name Butanox LPT-IN

Classified as hazardous

H341 Suspected of causing genetic defects .

H371 May cause damage to organs

H411 Toxic to aquatic life with long lasting effects.

Flame, Corrosion, Health hazard, Exclamation mark, Environment

Pictogram (s)











Precautionary statement -Prevention

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P220 Keep/Store away from clothing//combustible materials.

P234 Keep only in original container.

P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

Precautionary statement - Response

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all

contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a

position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical advice/attention. P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or

doctor/physician.

P310 Immediately call a POISON CENTER or doctor/physician.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth.

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire: Use water spray, alcohol-resistant foam, dry

chemical or carbon dioxide for extinction.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up. P410 Protect from sunlight.

P411+P235 Store at temperatures not exceeding 25 °C

Keep cool.

P420 Store away from other materials.

P501 Dispose of contents/container according to local regulations.

Precautionary statement - Disposal Other Information

Precautionary

statement - Storage

HSNO Approval Number: HSR002630

Haz Classes: 3.1D, 5.2D, 6.1D (Oral & Inhalation), 6.1E (Dermal), 6.9B, 8.2B,

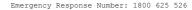
Classified as Hazardous according to the criteria of the New Zealand HSNO Act.

8.3A, 9.1B (Fish), 9.1C (Crustacean), 9.3C Group Standard: Organic Peroxides, Corrosive

3. Composition/information on ingredients

Information on Composition

Chemical nature: Mixture







Page: 3 of 11

| Infosafe No™ IMER9 | Issue Date : February 2020 | ISSUED by IMCDAST |
|--------------------|----------------------------|-------------------|
|--------------------|----------------------------|-------------------|

Product Name Butanox LPT-IN

Classified as hazardous

di-isononyl phthalate 28553-12-0 45-65 % Methyl ethyl ketone 1338-23-4 30-37 % peroxide

Methyl ethyl ketone 78-93-3 1-5 %

Other Information There are no additional ingredients present which, within the current

knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this

section.

4. First-aid measures

this safety data sheet to the doctor in attendance.

Inhalation If breathed in, move person into fresh air. Consult a physician after

significant exposure.

Ingestion Clean mouth with water and afterwards drink plenty of water. Never give

anything by mouth to an unconscious person. Take victim immediately to hospital. Do not induce vomiting! May cause chemical burns in mouth and

throat.

Skin Take off contaminated clothing and shoes immediately. Rinse immediately with

plenty of water. Immediate medical treatment is necessary as untreated wounds

from corrosion of the skin heal slowly and with difficulty.

Eye contact Rinse with plenty of water. Get medical attention immediately. Continue

rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Small amounts splashed into

eyes can cause irreversible tissue damage and blindness.

immediate medical attention and special treatment needed if necessary

necessary Most important symptoms/effects, acute and delayed

The symptoms and effects are as expected from the hazards as shown in Section

2. No specific product related symptoms are known.

ite and delayed Risks:

Harmful if swallowed or if inhaled. May be harmful in contact with skin.

Causes serious eye damage.

May cause damage to organs if inhaled.

Causes severe burns.

Other Information Workplace facilities required:

Explosion proof ventilation recommended. Effective exhaust ventilation system

Ensure that eyewash stations and safety showers are close to the workstation

location.

5. Fire-fighting measures

Suitable Waterspray, alcohol-resistant foam, dry chemical or carbon dioxide.

extinguishing media

Unsuitable High volume water jet.

Extinguishing Media

Hazards from Fire will produce smoke containing hazardous combustion products (see Section

Combustion 10).

Products

Special Protective In the event of fire, wear self-contained breathing apparatus.

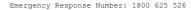
Equipment for fire

fighters

Specific hazards CAUTION: reignition may occur. surjoint from the Supports combustion.

chemical Do not use a solid water stream as it may scatter and spread fire.

Water spray may be ineffective unless used by experienced firefighters.







Page: 4 of 11

IMER9 Infosafe No™ Issue Date : February 2020 ISSUED by IMCDAST

Product Name Butanox LPT-IN

Classified as hazardous

Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous decomposition products formed under fire conditions.

Hazchem Code

Decomposition Temp. SADT - (Self accelerating decomposition temperature) is the lowest temperature

at which self accelerating decomposition may occur with a substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by

thermal decomposition at and above the SADT. Contact with incompatible

substances can cause decomposition below the SADT.

Other Information Use water spray to cool unopened containers. Collect contaminated fire

> extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in

accordance with local regulations.

6. Accidental release measures

Evacuate personnel to safe areas. Emergency

Only qualified personnel equipped with suitable protective equipment may **Procedures**

intervene.

Prevent unauthorised persons entering the zone.

Methods for cleaning up/Methods for containment: Methods and

Soak up with inert absorbent material and dispose of as hazardous waste. materials for

Keep wetted with water. containment and Confinement must be avoided. cleaning up

Never return spills in original containers for re-use.

Personal Precautions Use personal protective equipment.

Wear respiratory protection. Ensure adequate ventilation. Remove all sources of ignition.

Beware of vapours accumulating to form explosive concentrations. Vapours can

accumulate in low areas.

Prevent product from entering drains. If the product contaminates rivers and **Environmental**

lakes or drains, inform relevant authorities. Precautions Other Information For disposal considerations see section 13.

For personal protection see section 8.

7. Handling and storage

Precautions for Safe For personal protection see section 8.

Handling

Avoid formation of aerosol.

Do not breathe vapours or spray mist.

Smoking, eating and drinking should be prohibited in the application area.

Provide sufficient air exchange and/or exhaust in work rooms.

Open drum carefully as content may be under pressure.

Requirements for storage areas and containers:

Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage, including

No smoking.

any incompatibilities

Keep in a well-ventilated place.

Electrical installations / working materials must comply with the

technological safety standards. Keep only in original container. Store away from other materials. Maximum storage temperature: 25 °C

Temperatures

Storage

Advice on protection against fire and explosion: Additional

Use explosion protected equipment. information on

Keep away from sources of ignition - No smoking. precautions for use

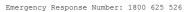
No sparking tools should be used.

Keep away from reducing agents (e.g. amines), acids, alkalies and heavy metal

compounds (e.g. accelerators, driers, metal soaps).

Do not cut or weld on or near this container even when empty.

Keep away from combustible material.







5 of 11 Page:

Infosafe No™ IMER9 Issue Date : February 2020 ISSUED by IMCDAST

Butanox LPT-IN Product Name

Classified as hazardous

Temperature class:

It is recommended to use electrical equipment of temperature group T3.

However, autoignition can never be excluded.

Other Information No decomposition if stored and applied as directed.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection The following Australian and New Zealand Standards will provide general advice

regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS/NZS 2161, Industrial Clothing: AS 2919, Industrial Eye Protection: AS/NZS 1336 and AS/NZS 1337,

STEL

Occupational Protective Footwear: AS/NZS 2210.

Occupational exposure limit values Name

TWA

mg/m3 ppm mg/m3 ppm Footnote 1.5 Methyl ethyl ketone 0.2 Peak peroxide limitation

Methyl ethyl ketone 890 300 445 150

Appropriate engineering controls Explosion proof ventilation recommended. Effective exhaust ventilation system. Ensure that eyewash stations and safety showers are close to the

workstation location.

In the case of vapour or aerosol formation use a respirator with an approved Respiratory

filter. Filter A Protection

Eye Protection Tightly fitting safety goggles. Wear face-shield and protective suit for

abnormal processing problems.

Hand Protection Neoprene, Nitrile rubber gloves

Body Protection Protective suit.

Handle in accordance with good industrial hygiene and safety practice. Hygiene Measures

When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

Other Information Prevent product from entering drains. If the product contaminates rivers and

lakes or drains inform respective authorities.

9. Physical and chemical properties

Form Liquid

Appearance Colourless.

Odour Faint.

SADT - (Self accelerating decomposition temperature) is the lowest temperature Decomposition

at which self accelerating decomposition may occur with a substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by

thermal decomposition at and above the SADT. Contact with incompatible

substances can cause decomposition below the SADT.

Melting Point No data available. **Freezing Point** No data available.

Boiling Point Decomposes below the boiling point.

Solubility in Water at 20 °C immiscible

Solubility in Organic

Miscible with phthalates.

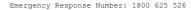
Solvents

Temperature

Specific Gravity 1.012 at 20°C

4.0 - 6.0 pН

Vapour Pressure Not determined.







Page: 6 of 11

Product Name Butanox LPT-IN

Classified as hazardous

Vapour Density

No data available

(Air=1)

Evaporation Rate
No data available
Odour Threshold
No data available.
Volatile Component
Not determined.
Partition Coefficient:
No data available

n-octanol/water

Above the SADT value.

Flammability Decomposition products may be flammable.

Auto-Ignition

Test methd not applicable

Temperature

Flash Point

Flammable Limits -

No data available

Lower

Flammable Limits -

No data available

Upper

Explosion Limit -

No data available

Upper

Explosion Limit -

No data available

Lower

Explosion Properties

Not explosive.

Oxidising Properties Not

Not classified as oxidising.

Kinematic Viscosity 32.02 mm2/s at 20°C

Dynamic Viscosity 32.4mPa.s at 20°C

Relative density 1.012 at 20 °C

Other Information Self-Accelerating decomposition temperature (SADT): 60 °C

Active oxygen content: 8.4 - 8.5%

Peroxide content: 30 - 37%

10. Stability and reactivity

 $\label{lem:Reactivity} \textbf{Reactivity} \qquad \qquad \textbf{Stable under normal conditions.}$

Chemical Stability

Stable under recommended storage conditions.

Thermal decomposition:

SADT - (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging as used in transport. A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by thermal decomposition at and above the SADT. Contact with incompatible

substances can cause decomposition below the SADT.

Conditions to Avoid

Heat, flames and sparks. Confinement must be avoided.

Incompatible Materials

Contact with the following incompatible materials will result in hazardous

decomposition:

Acids and bases, Iron, Copper, Reducing agents, Heavy metals, Rust

Do not mix with peroxide accelerators, unless under controlled processing. Use only stainless steel 316, PP, polyethylene or glass-lined equipment. For queries regarding the suitability of other materials please contact the

supplier.

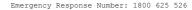
Hazardous

Carbon oxides, Formic acid, Acetic acid, Propionic acid, Methyl ethyl ketone

Decomposition Products

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

hazardous reactions







Page: 7 of 11

IMER9 Infosafe No™ Issue Date : February 2020 ISSUED by IMCDAST

Product Name Butanox LPT-IN

Classified as hazardous

Other Information Self-Accelerating decomposition temperature (SADT): 60 °C

11. Toxicological Information

Acute Toxicity - Oral LD50 Oral: 1,017 mg/kg

Species: rats

Method: OECD Test Guideline 401

Harmful if swallowed. LD50: 4,000 mg/kg Species: Rabbit

Method: OECD Test Guideline 402

LC50 (Rat): 1.5 mg/l Acute Toxicity -Exposure time: 4 h Inhalation

Test atmosphere: dust/mist

Harmful if inhaled.

Not classified based on available information. Respiratory

sensitisation

Acute Toxicity -

Dermal

Not classified based on available information. **Skin Sensitisation**

Suspected of causing genetic defects . Germ cell

mutagenicity

Carcinogenicity Not classified based on available information. Not classified based on available information. Reproductive

Toxicity

May cause damage to organs if inhaled. STOT-single

exposure

Not classified based on available information. STOT-repeated

Aspiration Hazard Not classified based on available information.

Health Hazard Potential Health Effects

Inhalation: Inhalation of aerosols may cause irritation to mucous membranes. Thermal decomposition can lead to release of irritating gases and vapours.

Harmful if inhaled.

Skin: Symptoms may be delayed. May be harmful in contact with skin. Causes severe skin burns. Eyes: Causes serious eye damage.

Ingestion: Harmful if swallowed. Causes burns.

Aggravated Medical Condition: None known.

Symptoms of Overexposure : The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.

Causes serious eye damage.

damage/irritation

Serious eve

Causes severe burns. Skin

corrosion/irritation

Other Information Test result for Components Component: Diisononyl phthalate

Acute oral toxicity : LD50: > 5,000 mg/kg

Species: Rat Skin irritation:

Result: No skin irritation

Eye irritation:

Result: No eye irritation

Aspiration toxicity: No aspiration toxicity classification

Component: Methyl ethyl ketone peroxide; Reaction mass of butane-2,2-diyl

dihydroperoxide and di-sec-butylhexaoxidane Acute oral toxicity: LD50: 1,017 mg/kg

Species: Rat

Acute inhalation toxicity :





Page: 8 of 11

Product Name Butanox LPT-IN

Classified as hazardous

LC50 (Rat): 1.5 mg/l Exposure time: 4 h

Test atmosphere: dust/mist Acute dermal toxicity: LD50: 4,000 mg/kg Species: Rat Skin irritation: Result: Causes burns.

Target Organ Systemic Toxicant - Single exposure:

Exposure routes: Inhalation

The substance or mixture is classified as specific target organ toxicant,

single exposure, category 3 with narcotic effects.

Aspiration toxicity: No aspiration toxicity classification

Eye irritation:

Result: Risk of serious damage to eyes. Carcinogenicity: No data available Reproductive toxicity/Fertility: Species: Rat, male and female

Application Route: Oral

Dose: 0 25, 50, 75 milligram per kilogram

General Toxicity - Parent: No observed adverse effect level: 50 mg/kg bw/day General Toxicity F1: No observed adverse effect level F1: 50 mg/kg bw/day Fertility: No observed adverse effect level Parent: 75 mg/kg bw/day

Method: OECD Test Guideline 421

GLP: yes

Target Organ Systemic Toxicant - Repeated exposure:

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity: No aspiration toxicity classification

Component: Methyl ethyl ketone

Acute oral toxicity: LD50: 2,737 mg/kg Species: Rat

Acute dermal toxicity: LD50: 6,480 mg/kg Species: Rabbit Skin irritation:

Result: Repeated exposure may cause skin dryness or cracking.

Moderately irritating.

Eye irritation:

Result: Irritating to eyes.

12. Ecological information

Ecological Information Ecotoxicity An environmental hazard cannot be excluded in the event of unprofessional

handling or disposal. Toxic to aquatic life.

Product Test result Ecotoxicity effects Toxicity to fish: LC50: 44.2 mg/1 Exposure time: 96 h

Species: Poecilia reticulata (guppy)

Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates:

EC50: 39 mg/l Exposure time: 48 h

Species: Daphnia magna (Water flea)

Test Type: Immobilization

Toxicity to algae:





Page: 9 of 11

Infosafe No™ IMER9 Issue Date : February 2020 ISSUED by IMCDAST

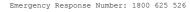
Product Name Butanox LPT-IN

Classified as hazardous

ErC50: 5.6 mg/l Exposure time: 72 h Species: Pseudokirchneriella subcapitata (algae) Test Type: Growth inhibition Toxicity to bacteria: EC10: 12 mg/l Exposure time: 0.5 h Species: activated sludge Test Type: Respiration inhibition Method: Domestic OECD Guideline 209 Component Test result Component: Diisononyl phthalate Ecotoxicity effects Toxicity to daphnia and other aquatic invertebrates: EC50: > 500 mg/1Exposure time: 48 h Species: Daphnia magna (Water flea) Toxicity to algae: ErC50: > 88 mg/lExposure time: 72 h Species: Desmodesmus subspicatus (green algae) Test Type: Growth inhibition Method: OECD Test Guideline 201 No toxicity at the limit of solubility NOEC: > 88 mg/l Exposure time: 72 h Species: Desmodesmus subspicatus (green algae) Test Type: Growth inhibition Method: OECD Test Guideline 201 No toxicity at the limit of solubility Toxicity to fish (Chronic toxicity): NOEC: 18,5 - 24,5 Exposure time: 284 d Species: Oryzias latipes (Orange-red killifish) Test Type: flow-through test Method: OECD Test Guideline 210 Component: Methyl ethyl ketone peroxide; Reaction mass of butane-2,2-diyl dihydroperoxide and di-sec-butylhexaoxidane Ecotoxicity effects Toxicity to fish: LC50: 44.2 mg/l Exposure time: 96 h Species: Poecilia reticulata (guppy) Test Type: semi-static test Toxicity to daphnia and other aquatic invertebrates: 39 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) Test Type: Immobilization Toxicity to algae: ErC50: 5.6 mg/l Exposure time: 72 h Species: Pseudokirchneriella subcapitata (algae) Test Type: Growth inhibition Toxicity to bacteria: EC10: 12 mg/l Exposure time: 0.5 h Species: activated sludge Test Type: Respiration inhibition Method: Domestic OECD Guideline 209

Print Date: 10/06/2020 CS: 3.4.14

Component: Methyl ethyl ketone







Page: 10 of 11

IMER9 Infosafe No™ Issue Date : February 2020 ISSUED by IMCDAST

Product Name Butanox LPT-IN

Classified as hazardous

Ecotoxicity effects Toxicity to fish: LC50: 3,220 mg/l Exposure time: 96 h

Species: Lepomis macrochirus (Bluegill sunfish)

Persistence and degradability

Component: Diisononyl phthalate

Biodegradability Result: Readily biodegradable.

Component: Methyl ethyl ketone peroxide; Reaction mass of butane -2,2-diyl

dihydroperoxide and di-sec-butylhexaoxidane Biodegradability Result: Readily biodegradable.

Method: Closed Bottle test Component: Methyl ethyl ketone

Biodegradability: Readily biodegradable.

Mobility No information available.

Bioaccumulative Potential

Component: Methyl ethyl ketone peroxide; Reaction mass of butane-2,2-diyl

dihydroperoxide and di-sec-butylhexaoxidane

Bioaccumulation:

Bioconcentration factor (BCF): 10.3

Not expected considering the low log Pow value.

Other Adverse Effects

No information available.

13. Disposal considerations

Dispose of waste according to applicable local, state and federal regulations. Disposal

Considerations

Product Disposal The product should not be allowed to enter drains, water courses or the soil.

Do not contaminate ponds, waterways or ditches with chemical or used

container. Dispose of contents/container in accordance with local regulation.

Container Disposal Empty remaining contents. Dispose of as unused product. Do not burn, or use a cutting torch on, the empty drum. Due to the high risk of contamination

recycling/recovery is not recommended. Follow all warnings even after the container is emptied.

14. Transport information

Transport NZS 5433:2007 Transport of Dangerous Goods on Land & Dangerous Goods Rule

2005. Information U.N. Number 3105

UN proper shipping

name

ORGANIC PEROXIDE TYPE D, LIQUID - (Methyl ethyl ketone peroxide)

Transport hazard

class(es)

Hazchem Code 2WE **EPG Number** 5K1 **IERG Number** 32

Marine Pollutant

Other Information Dangerous Goods of Class 5.2 Organic Peroxides are incompatible in a placard

load with any of the following: - Class 1, Class 2, Class 3, Class 4, Class

5.1, Class 7, Class 8, Fire risk substances and combustible liquids.

15. Regulatory information

All components of this material are listed on or exempt from the New Zealand Regulatory Inventory of Chemicals (NZIoC).

Information

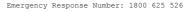
5.2

Poisons Schedule

HSNO Approval

HSR002630

Number







Page: 11 of 11

Infosafe No™ IMER9 Issue Date : February 2020 ISSUED by IMCDAST

Product Name Butanox LPT-IN

Classified as hazardous

AICS (Australia)

All components of this material are listed on or exempt from the Australian

Inventory of Chemical Substances (AICS).

16. Other Information

Contact Person/Point

An electronic version of this SDS is available at www.imcdgroup.com

Other Information

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and

Rail, 7th Edition

AICS: Australian Inventory of Chemical Substances

ASCC: Office of the Australian Safety and Compensation Council

BCF: Bioconcentration Factor

CAS number: Chemical Abstracts Service Registry Number

CMR: Carcinogenic, Mutagenic or toxic to Reproduction

DMEL: Derived Minimum Effect Level

DNEL: Desired NO Effect Level

EPA: Environmental Protection Agency

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

Hazchem Code: Emergency action code of numbers and letters that provide

information to emergency services especially fire fighters

IARC: International Agency for Research on Cancer

IOELV: Indicative Occupational Exposure Limit Value

LC50: Lethal Concentration, 50 percent

LD50: Lethal Dose, 50 percent

NICNAS: National Industrial Notification & Assessment Scheme

NIOSH: National Institute for Occupational Safety & Health

NOAEL: No Observed Adverse Effect Level NOEC: No Observed Effect Concentration

NOS: Not otherwise specified

NTP: National Toxicology Program (USA)

OEL: Occupational Exposure Limit

OSHA: Occupational Safety & Health Administration

PBT: Persistent Bioaccumulative Toxic chemical

PMCC: Pensky Martens Closed Cup

PNEC: Predicted No Effect Concentration

R-Phrase: Risk Phrase

STEL: Short Term Exposure Limit

STOT-SE: Specific Target Organ Toxicity (Single Exposure)

STOT-RE: Specific Target Organ Toxicity (Repeated Exposure)

SUSMP: Standard for the Uniform Scheduling of Medicines & Poisons

TWA: Time Weighted Average

UN Number: United Nations Number

vPvB: Very Persistent and Very Bioaccumulative

WEEL: Workplace Environmental Exposure Level

WEL-TWA: Workplace Exposure Limit, Time Weighted Average

...End Of MSDS...

© Copyright Chemical Safety International Pty Ltd

code of the HTML, FDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Acohs Pty Ltd.
The compilation of MSDS's displayed is the intellectual property of Acohs Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.