Safety Data Sheet
according to WHS Regulations

Date of issue: 18.08.2026 *Version number 1* *Revision: 18.08.2026*

Not classified as hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

· ***Other means of identification***

· ***Trade name:*** ***APPLE OS NATURAL FLAVOUR***

· ***Article number:*** ATA4120
· ***Relevant identified uses of the substance or mixture and uses advised against***
· ***Sector of Use*** SU4 Manufacture of food products
· ***Application of the substance / the mixture*** Flavouring agents

· ***Details of the supplier of the safety data sheet***
· ***Manufacturer/Supplier:***
Metarom Australia
117 Stephen Rd
Banksmeadow NSW 2019
Australia
+61 2 9317 5002

· ***Further information obtainable from:*** info@metarom.com.au
· ***Emergency telephone number:***
Poison Information Centre NSW Australia 13 11 26
National Poisons Centre New Zealand 0800 764 766

2 Hazard(s) Identification

· ***Classification of the substance or mixture***
The product is not classified, according to the Globally Harmonised System (GHS).

· ***Label elements***
· ***GHS label elements*** Void
· ***Hazard pictograms*** Void
· ***Signal word*** Void
· ***Hazard statements*** Void
· ***Other hazards***
· ***Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable
· ***vPvB:*** Not applicable

3 Composition and Information on Ingredients

· ***Chemical characterisation: Mixtures***
· ***Description:*** Mixture of substances listed below with nonhazardous additions.

· ***Dangerous components:***

111-27-3	Hexyl alcohol Flammable liquids – Category 3, H226; Acute toxicity - oral – Category 4, H302; Skin corrosion/irritation – Category 2, H315; Eye damage/irritation – Category 2A, H319	≤2.5%
7452-79-1	ETHYL 2-METHYLBUTYRATE (NATURAL) Flammable liquids – Category 3, H226	≤2.5%
105-54-4	ethyl butyrate Flammable liquids – Category 3, H226	≤2.5%
6728-26-3	Hexen-2-al Flammable liquids – Category 3, H226; Acute toxicity - dermal – Category 3, H311; Acute toxicity - oral – Category 4, H302; Skin corrosion/irritation – Category 2, H315; Skin sensitisation – Category 1, H317	≥0.1-<0.25%

· ***Additional information:*** For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

· ***General information:*** No special measures required.
· ***After inhalation:*** Supply fresh air; consult doctor in case of complaints.
· ***After skin contact:*** Generally the product does not irritate the skin.
· ***After eye contact:*** Rinse opened eye for several minutes under running water.
· ***After swallowing:*** If symptoms persist consult doctor.
· ***Information for doctor:***
· ***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 extinguishing methods suitable to surrounding conditions.
· ***Special hazards arising from the substance or mixture*** No further relevant information available.

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· ***Protective equipment:*** No special measures required.

6 Accidental Release Measures

· ***Personal precautions, protective equipment and emergency procedures*** Not required
· ***Environmental precautions:*** Do not allow to enter sewers/ surface or ground water.
· ***Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· ***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

· ***Handling:***
· ***Precautions for safe handling*** No special measures required.
· ***Information about fire - and explosion protection:*** No special measures required.
· ***Storage:***
· ***Requirements to be met by storerooms and receptacles:*** No special requirements.
· ***Information about storage in one common storage facility:*** Not required
· ***Further information about storage conditions:*** None.
· ***Specific end use(s)*** No further relevant information available.

8 Exposure controls and personal protection

· ***Appropriate engineering controls*** No further data; see section 7.
· ***Ingredients with limit values that require monitoring at the workplace:***
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
· ***Additional information:*** The lists valid during the making were used as basis.
· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
The usual precautionary measures are to be adhered to when handling chemicals.
· ***Respiratory protection:*** Not required
· ***Protection of hands:***
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.
· ***Eye protection:*** Goggles recommended during refilling

9 Physical and Chemical Properties

· ***General Information***	
· ***Appearance:***	
· ***Form:***	Fluid
· ***Colour:***	Colourless
· ***Odour:***	Characteristic
· ***Odour threshold:***	Not determined
· ***pH-value:***	Not determined
· ***Change in condition***	
· ***Melting point/freezing point:***	Undetermined
· ***Initial boiling point and boiling range:***	266 °C
· ***Flash point:***	148 °C
· ***Flammability***	Not applicable
· ***Auto-ignition temperature:***	410 °C
· ***Decomposition temperature:***	Not determined
· ***Ignition temperature:***	Product is not selfigniting.
· ***Explosive properties:***	Product does not present an explosion hazard.
· ***Explosion limits:***	
· ***Lower:***	Not determined
· ***Upper:***	Not determined
· ***Vapour pressure at 20 °C:***	>0 hPa
· ***Density at 20 °C:***	1.14054-1.14066 g/cm³

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· ***Relative density***	Not determined
· ***Vapour density***	Not determined
· ***Evaporation rate***	Not determined
· ***Solubility in / Miscibility with***	
· ***water:***	Not miscible or difficult to mix.
· ***Partition coefficient: n-octanol/water:***	Not determined
· ***Viscosity:***	
· ***Dynamic:***	Not determined
· ***Kinematic:***	Not determined
· ***Solvent content:***	
· ***Organic solvents:***	1.6 %
· ***Solids content:***	0.0 %
· ***Other information***	
· ***Particle characteristics***	Not applicable
· ***Physical state***	Liquid

10 Stability and Reactivity

· ***Reactivity*** No further relevant information available.
· ***Thermal decomposition / conditions to be avoided:*** No decomposition if used according to specifications.
· ***Possibility of hazardous reactions*** No dangerous reactions known.
· ***Conditions to avoid*** No further relevant information available.
· ***Incompatible materials:*** No further relevant information available.
· ***Hazardous decomposition products:*** No dangerous decomposition products known.

11 Toxicological Information

· ***Information on toxicological effects***
· ***Acute toxicity*** Based on available data, the classification criteria are not met.

· ***LD/LC50 values relevant for classification:***		
102-76-1 (tri-)Acetin		
Oral	LD50	3,000 mg/kg (rat)

· ***Primary irritant effect:***
· ***Skin corrosion/irritation*** Based on available data, the classification criteria are not met.
· ***Serious eye damage/irritation*** Based on available data, the classification criteria are not met.
· ***Respiratory or skin sensitisation*** Based on available data, the classification criteria are not met.
· ***Germ cell mutagenicity*** Based on available data, the classification criteria are not met.
· ***Carcinogenicity*** Based on available data, the classification criteria are not met.
· ***Reproductive toxicity*** Based on available data, the classification criteria are not met.
· ***STOT-single exposure*** Based on available data, the classification criteria are not met.
· ***STOT-repeated exposure*** Based on available data, the classification criteria are not met.
· ***Aspiration hazard*** Based on available data, the classification criteria are not met.

12 Ecological Information

· ***Toxicity***
· ***Aquatic toxicity:*** No further relevant information available.
· ***Persistence and degradability*** No further relevant information available.
· ***Behaviour in environmental systems:***
· ***Bioaccumulative potential*** No further relevant information available.
· ***Mobility in soil*** No further relevant information available.
· ***Additional ecological information:***
· ***General notes:***
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· ***Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable
· ***vPvB:*** Not applicable
· ***Other adverse effects*** No further relevant information available.

13 Disposal considerations

· ***Waste treatment methods***
· ***Recommendation*** Smaller quantities can be disposed of with household waste.

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· ***Uncleaned packaging:***
· ***Recommendation:*** Disposal must be made according to official regulations.

14 Transport information

· ***UN-Number***	
· ***ADG, IMDG, IATA***	Void
· ***UN proper shipping name***	
· ***ADG, IMDG, IATA***	Void
· ***Transport hazard class(es)***	
· ***ADG, ADN, IMDG, IATA***	
· ***Class***	Void
· ***Packing group***	
· ***ADG, IMDG, IATA***	Void
· ***Environmental hazards:***	Not applicable
· ***Special precautions for user***	Not applicable
· ***Transport in bulk according to Annex II of Marpol and the IBC Code***	Not applicable
· ***UN "Model Regulation":***	Void

15 Regulatory information

· ***Safety, health and environmental regulations/legislation specific for the substance or mixture***

· ***Australian Inventory of Industrial Chemicals***
All ingredients are listed.

· ***Standard for the Uniform Scheduling of Medicines and Poisons***

71-36-3	Butyl alcohol	S5, S6

· ***Australia: Priority Existing Chemicals***
None of the ingredients is listed.

· ***GHS label elements*** Void
· ***Hazard pictograms*** Void
· ***Signal word*** Void
· ***Hazard statements*** Void

· ***Directive 2012/18/EU***
· ***Named dangerous substances - ANNEX I*** None of the ingredients is listed.
· ***Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· ***Relevant phrases***
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

· ***Department issuing SDS:*** Regulation and technical service
· ***Contact:***
· ***Abbreviations and acronyms:***
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flammable liquids – Category 3: Flammable liquids – Category 3
Acute toxicity - oral – Category 4: Acute toxicity – Category 4
Acute toxicity - dermal – Category 3: Acute toxicity – Category 3
Skin corrosion/irritation – Category 2: Skin corrosion/irritation – Category 2
Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A
Skin sensitisation – Category 1: Skin sensitisation – Category 1