# Safety Data Sheet
**according to WHS Regulations**

*Date of issue: 19.03.2025* *Version number 1* *Revision: 19.03.2025*

Hazardous according to criteria of Australian Safety and Compensation Council.

## 1 Identification

· ***Other means of identification***

· ***Trade name:*** ***SUGAR 2X NATURAL FLAVOUR***

· ***Article number:*** AMS2X01
· ***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***

GHS07

Skin sensitisation – Category 1 H317 May cause an allergic skin reaction.

· ***Label elements***
· ***GHS label elements*** The product is classified and labelled according to the Globally Harmonised System (GHS).
· ***Hazard pictograms***

GHS07

· ***Signal word*** Warning

· ***Hazard-determining components of labelling:***
vanillin (≥2.5-<10 %)
· ***Hazard statements***
H317 May cause an allergic skin reaction.
· ***Precautionary statements***
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves.
P362+P364 Take off contaminated clothing and wash it before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P321 Specific treatment (see on this label).
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
· ***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:***

| | | |
|---|---|---|
| 57-55-6 | Propylene glycol | 50-100% |
| 121-33-5 | vanillin<br>Acute toxicity - oral – Category 4, H302; Eye damage/irritation – Category 2A, H319; Skin sensitisation – Category 1, H317 | ≥2.5-<10% |
| 80-71-7 | Methylcyclopentenolone<br>Acute toxicity - oral – Category 4, H302; Skin sensitisation – Category 1, H317 | ≥0.1-<1% |

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

## 4 First Aid Measures

· ***General information:*** Immediately remove any clothing soiled by the product.
· ***After inhalation:***
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
· ***After skin contact:*** Immediately wash with water and soap and rinse thoroughly.
· ***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.
· ***Protective equipment:*** No special measures required.

## 6 Accidental Release Measures

· ***Personal precautions, protective equipment and emergency procedures*** Not required.
· ***Environmental precautions:***
Dilute with plenty of water.
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).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
· ***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***
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
· ***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:*** | |
|---|---|
| **57-55-6 Propylene glycol** | |
| WES | Long-term value: 474* 10** mg/m³, 150* ppm<br>*vapour&particluates;**particulates only |

· ***Additional information:*** The lists valid during the making were used as basis.
· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
· ***Respiratory protection:***
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

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· ***Protection of hands:***

Protective gloves

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

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## 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:*** | 184 °C |
| · ***Flash point:*** | > 100 °C |
| · ***Flammability*** | Not applicable. |
| · ***Auto-ignition temperature:*** | 371 °C |
| · ***Decomposition temperature:*** | Not determined. |
| · ***Ignition temperature:*** | Product is not selfigniting. |
| · ***Explosive properties:*** | Product does not present an explosion hazard. |
| · ***Explosion limits:*** | |
| · ***Lower:*** | 2.6 Vol % |
| · ***Upper:*** | 12.6 Vol % |
| · ***Vapour pressure at 20 °C:*** | 0.11 hPa |
| · ***Density at 20 °C:*** | 1.04 g/cm³ |
| · ***Relative density*** | Not determined. |
| · ***Vapour density*** | Not determined. |
| · ***Evaporation rate*** | Not determined. |
| · ***Solubility in / Miscibility with*** | |
| · ***water:*** | Fully miscible. |
| · ***Partition coefficient: n-octanol/water:*** | Not determined. |
| · ***Viscosity:*** | |
| · ***Dynamic at 20 °C:*** | 46 mPas |
| · ***Kinematic:*** | Not determined. |
| · ***Solvent content:*** | |
| · ***Organic solvents:*** | 95.8 % |
| · ***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.

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· ***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*** May cause an allergic skin reaction.
· ***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*** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· ***Uncleaned packaging:***
· ***Recommendation:*** Disposal must be made according to official regulations.
· ***Recommended cleansing agents:*** Water, if necessary together with cleansing agents.

## 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 |

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## 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***

| | | |
|---|---|---|
| 98-01-1 | FURFURAL | S6 |
| 107-92-6 | butyric acid | S6 |

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

· ***GHS label elements*** The product is classified and labelled according to the Globally Harmonised System (GHS).

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· ***Hazard pictograms***

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· ***Signal word*** Warning

· ***Hazard-determining components of labelling:***
vanillin (≥2.5-<10 %)
· ***Hazard statements***
H317 May cause an allergic skin reaction.
· ***Precautionary statements***
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves.
P362+P364 Take off contaminated clothing and wash it before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P321 Specific treatment (see on this label).
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· ***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***
H302 Harmful if swallowed.
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)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute toxicity - oral – Category 4: Acute toxicity – Category 4
Eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A
Skin sensitisation – Category 1: Skin sensitisation – Category 1
· **** Data compared to the previous version altered.***