



# MATERIAL SAFETY DATA SHEET

According to Regulation (EC) N° 1907/2006

Revised on :

19/12/2024

Printing date :

19/12/2024

## 2 ISOBUTYL 3 METHYL PYRAZINE

### SECTION 1. IDENTIFICATION OF MIXTURE AND OF THE COMPANY

#### 1.1 Product identifier

Supplier Product Name 2 ISOBUTYL 3 METHYL PYRAZINE  
Material 301310  
Chemical name  
CAS-N° 13925-06-9 EC-N° 237-693-6  
Synonymes

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Raw material intended exclusively for industrial use.

#### 1.3 Details of the supplier of the safety data sheet

A.N.E.C  
Z.A LA PECETTE - LOT1  
13250 SAINT CHAMAS  
+33(0)4.90.50.97.05  
+33(0)4.90.50.83.64  
anec@anec-france.com  
For more informations, contact : Mathilde ,Ambles Sales Manager

#### 1.4 Emergency telephone number

*+33(0)4 90 50 97 05 available only during office hours 8h30- 12h00 and 13h30-17h30  
without Friday 8h30-13h30 / +33(0)6 84 45 27 00 available out of office hours*

### SECTION 2. HAZARDS IDENTIFICATION.

#### 2.1 Classification of the substance or the mixture

##### Regulation N° 1272/2008 (CLP)

Eye Damage / Eye Irritation 2 ( EDI2;H319 )  
Skin Corrosion / Irritation 2 ( SCI2;H315 )  
Specific Target Organ Toxicity (Single Exposure) 3 RI ( STO-SE3-RI;H335 )

#### 2.2 Label elements

##### Regulation N° 1272/2008 (CLP)

Label elements according to the regulation :



Signal word SIGNAL WORD: WARNING

Contains

Addionnal labelling



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### Hazard Statements

H315 : Causes skin irritation.

H319 : Causes serious eye irritation.

H335 : May cause respiratory irritation.

### Precautionary

P261 : Avoid breathing dust/fume/gas/mist/vapours/ spray.

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

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

P302+P352 : EN CAS DE CONTACT AVEC LA PEAU: laver abondamment à l'eau et au savon.

P305+P351+P338 : f in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 : Call a poison center or doctor/physician if you feel unwell.

P332+P313 : If skin irritation occurs: Get medical advice/ attention.

**Toxicité**    **Orale**

**Dermale**

**Inhalation**

### 2.3 Other hazards

The substance is not one of the candidate substances subject to authorisation

- Article 59, paragraph 1 of Regulation (EC) 1907/2006.

The substance doesn't correspond to the standards criteria to PBT or vPvB as defined on Annex XIII of European regulation (UE) 253/2011 amending the regulation (CE) 1907/2006



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### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS :

#### 3.1 Substances

IUPAC name	CAS NUMBER	N° EINECS	REACH Registration No.	Classification	%
				Regulation (EC) No 1278/2008	
2 ISOBUTYL 3 METHYL PYRAZINE	13925-06-9	237-693-6		ED12 H319 SC12 H315 ST05E3RI H335	>=99 <=100



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### SECTION 4. FIRST-AID MEASURES:

#### 4.1 Description of first aid measures

- General advice :** Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled :** If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact :** If skin irritations persists, call a physician.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact :** Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed :** Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
Take victim immediately to hospital.

### SECTION 5. FIRE FIGHTING MEASURES.

#### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable extinguishing media : High volume water jet

#### 5.2 Special Hazards arising from the substance or mixture

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses

#### 5.3 Advice for firefighters

Special protective equipment for fire-fighters : Wear self contained breathing apparatus for fire fighting if necessary.

Further information : 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.

### SECTION 6. ACCIDENTAL RELEASE MEASURES.

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.



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### SECTION 7. HANDLING & STORAGE.

#### 7.1 Precautions for safe handling

Advice on safe handling: Do not breathe vapours/dust.

Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes.

For personal protection see section 8.

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

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

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Electrical installations / working materials must comply with the technological safety standards.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

#### 8.1 Control Parameters

No data

#### 8.1 Control parameters

#### 8.2 Exposure controls

##### Personal protective equipment

Hand protection: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection: Eye wash bottle with pure water.

Tightly fitting safety goggles

Skin and body protection: Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures: When using do not eat or drink.

When using do not smoke.

Wash hands before breaks and at the end of workday.

##### Environmental exposure controls

General advice: Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.



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### SECTION 9. PHYSICAL & CHEMICAL PROPERTIES.

#### 9.1 Informations on basic physical and chemical properties

a) APPEARANCE	Liquid
b) Color	Clear, colorless to yellow
c) ODOR	Strong
d) ASSAY	99% min.
e) REFRACTIVE INDEX AT 20 °C	1.4880 / 1.4970
f) STATUT OGM	Conform according to the regulation (UE) 1829 & 1830/2003
g) DECLARATION REGLEMENTAIRE	Flavouring substance according to the regulation (CE) No 1334/2008.
h) RECOMMENDED USE	Food
i) STORAGE	Keep container tightly closed. Store in a dry place, cool and ventilated place.
j) SHELF LIFE	12 months

#### 9.2 Other informations

a) FLASH POINT (CLOSED CUP)	80°C
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### SECTION 10. STABILITY & REACTIVITY.

**Stability :** Stable under normal conditions.

**Conditions to avoid:** Overheating. Avoid all sources of ignition.

**Materials to avoid:** Strong oxidising materials.

**Hazardous reactions:** Presents no special reactivity hazard.



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### SECTION 11. TOXICOLOGICAL INFORMATION.

#### Acute toxicity

No data available.

### SECTION 12. ECOLOGICAL INFORMATION.

As no evaluation is being done, this compound to be considered as being potentially dangerous for environment.

### SECTION 13. DISPOSAL CONSIDERATIONS.

#### 13.1 Waste treatment methods

Product : 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.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

Dispose of in accordance with local regulations.



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### SECTION 14. TRANSPORT REGULATIONS.

Land transport ADR/RID	Sea transport IMDG	Air transport ICAO-TI and IATA-DGR
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#### 14.1 UN Number

N/A	N/A	N/A
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#### 14.2 UN proper shipping name


#### 14.3 Transport hazard class(es)

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#### 14.4 Packing group

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#### 14.5 Environmental hazards

Dangerous for the environment	NO	Marine pollutant	NO	Dangerous for the environment	NO

#### 14.6 Special precautions for user

<u>ADR</u>	<u>IMDG</u>	<u>IATA</u>
Tunnel restriction code	EMS	Packing Instruction (PAX)
Classification code		Packing Instruction (CAO)

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not available.

### SECTION 15. REGULATORY INFORMATION.





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### SECTION 16. OTHER INFORMATION.

#### 16.1 Indication of changes

Revisions are mentioned with a black line in the margin.

#### 16.2 Abbreviations and acronyms

ECHA : European Chemicals Agency

REACH : Registration, Evaluation and Authorisation of Chemicals Regulation (EC) No 1907/2006

CLP : Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

CAS : Chemical Abstracts Service number

IUPAC : International Union for Pure Applied Chemistry

CMR : Carcinogens, mutagens or substances toxic to reproduction

SVHC : Substances of Very High Concern

PBT : Persistent, bioaccumulative and toxic substances

vPvB : Substances very persistent and very bioaccumulative

LD50 : Lethal Dose to 50% of a test population (Median Lethal Dose)

LC50 : Lethal Concentration to 50 % of a test population

OEL : Occupational Exposure Limit Value

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG : International Maritime Dangerous Goods

IATA : International Air Transport Association

ICAO-TI : Technical Instructions for the Safe Transport of Dangerous Goods by Air

#### 16.3 Key literature references and sources for data

Suppliers data

CLP

ECHA

Guidance on the compilation of safety data sheets of ECHA

REACH

This material safety data sheet was realised in accordance with Annex II of the Regulation REACH.

#### 16.5 Relevant R-phrases and/or H-statements (number and full text)

##### **Hazard Statements**

H315 : Causes skin irritation.

H319 : Causes serious eye irritation.

H335 : May cause respiratory irritation.

The information in this MSDS is correct to the best of our knowledge, information and belief at the date of its publication and is, in our opinion consistent with the state of general scientific and technical knowledge at that date, but we cannot except liability for a loss, injury or damage which may result from its use.

In compiling this MSDS we have taken into account all proper application of the material of which we are aware and any user of the material should consult us before applying it to any novel and unusual use. We must point out that it is the responsibility of any intermediate supplier to ensure that the information contained in this MSDS is passed to the ultimate user.

If any such ultimate user wishes to make arrangements for the revisions to be sent directly to him, we shall if so notified, be glad to make the necessary entry in our records.