



MATERIAL SAFETY DATA SHEET (MSDS)

According to REACH (EC 1907/2006) & CLP (EC 1272/2008)

IVY BASE

SECTION 1: IDENTIFICATION

Product Name: Ivy Base

Product Code: 290958

Product Type: Mixture of aromatic substances

Recommended Use:

Fragrance ingredient for use in consumer products

Restriction:

Not for personal use in this form or concentration

Supplier:

AROMOLOGY

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SECTION 2: HAZARD IDENTIFICATION

Classification (CLP)

- Eye Damage – Category 1
- Aquatic Chronic Toxicity – Category 2

Signal Word:

DANGER



Hazard Statements

- H318 – Causes serious eye damage
- H411 – Toxic to aquatic life with long lasting effects

Precautionary Statements

- P273 – Avoid release to the environment
- P280 – Wear protective gloves / eye protection / face protection
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes
- P310 – Immediately call a POISON CENTER or doctor
- P391 – Collect spillage

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture of aromatic substances

Main Components

| Component | CAS | Approx % |
|---------------------------------|-------------|----------|
| 4-Cyclohexyl-2-methyl-2-butanol | 83926-73-2 | 20–30% |
| 3-Hexene, 1-(2-butenyloxy)- | 888744-18-1 | 5–7.5% |
| Cyclopentadecanone, 3-methyl- | 541-91-3 | 2.5–5% |
| Beta-Pinene | 18172-67-3 | 0.1–0.5% |
| Bicycloheptene derivatives | Various | 0.1–0.5% |
| Other aroma components | Various | Trace |

SECTION 4: FIRST AID MEASURES



General:

Seek immediate medical advice

Eye Contact:

Rinse with water for at least 10 minutes and seek immediate medical attention

Skin Contact:

Wash thoroughly with water and remove contaminated clothing

Inhalation:

Move to fresh air and keep at rest

Ingestion:

Rinse mouth and seek medical attention

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

Use appropriate extinguishing agents

Hazards:

No specific hazard identified

Protection:

Avoid inhalation of fumes

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Avoid inhalation and skin contact
- Ensure ventilation
- Eliminate ignition sources
- Absorb with inert material
- Prevent environmental contamination
- Dispose according to regulations



SECTION 7: HANDLING AND STORAGE

Handling:

Avoid contact with skin and eyes

Use PPE and maintain hygiene

Avoid heat and ignition sources

Storage:

Store in tightly closed containers

Keep away from heat and temperature extremes

Do not reuse empty containers

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Turpentine/monoterpenes TWA: 20 ppm / 112 mg/m³

Engineering Controls:

Ensure adequate ventilation

PPE:

- Safety glasses
- Chemical-resistant gloves (nitrile / neoprene)
- Protective clothing

Respiratory Protection:

Use where ventilation is insufficient

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| Property | Value |
|----------|-------|
|----------|-------|

| | |
|----------------|--------|
| Physical State | Liquid |
|----------------|--------|

| | |
|--------|---------------------------|
| Colour | Colourless to pale yellow |
|--------|---------------------------|



| Property | Value |
|---------------|----------------|
| Odour | Characteristic |
| Flash Point | ~97 °C |
| Density | 0.962 – 0.972 |
| Boiling Point | Not determined |
| Solubility | Not determined |

(Data from supplier SDS)

SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
 - Avoid temperatures near flash point
 - Avoid oxidising agents
 - No hazardous decomposition expected
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SECTION 11: TOXICOLOGICAL INFORMATION

- Acute toxicity: LD50 oral > 2000 mg/kg
- Eye Damage: Category 1
- No classification for sensitisation or mutagenicity

Based on component data

SECTION 12: ECOLOGICAL INFORMATION

- Toxic to aquatic life with long lasting effects
- Environmental hazard: Chronic Category 2
- Avoid release into environment



SECTION 13: DISPOSAL CONSIDERATIONS

Dispose as hazardous waste in accordance with local regulations.
Do not release into environment or drainage systems.

SECTION 14: TRANSPORT INFORMATION

| Parameter | Value |
|-----------|-------|
|-----------|-------|

| | |
|-----------|------|
| UN Number | 3082 |
|-----------|------|

Proper Shipping Name Environmentally Hazardous Substance, Liquid, N.O.S.

| | |
|-------|---|
| Class | 9 |
|-------|---|

| | |
|---------------|-----|
| Packing Group | III |
|---------------|-----|

| | |
|------------------|-----|
| Marine Pollutant | Yes |
|------------------|-----|

✓ Classified for transport

SECTION 15: REGULATORY INFORMATION

Complies with:

- REACH Regulation (EC 1907/2006)
 - CLP Regulation (EC 1272/2008)
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SECTION 16: OTHER INFORMATION

This MSDS is adapted from supplier documentation (dsm-firmenich) and reflects current regulatory data.

Information is provided for safe handling, storage, and use.