

Safety Data Sheet (BASE)

According to Federal Register | Vol. 77, No. 58 | Rules and Regulations

SECTION 1: IDENTIFICATION

1.1 IDENTIFICATION

PRODUCT NAME	THE BASE
CAS#	Blend
SUBSTANCE / MIXTURE	Blend

1.2 INTENDED USE AND ADVISED AGAINST USE OF THE SUBSTANCE OR MIXTURE

Intended Use	Concentrated aromatic and flavor ingredients to be used in flavor and fragrance compounds according to GRAS/FDA guidelines.
Advised Against Use	The products should not be used in ways other than those listed above.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Lab Effects, LLC
741 Corporate Cir
Golden, CO 80401 USA
1.720.524.6369
info@labeffects.com | www.labeffects.com

1.4 EMERGENCY CONTACT NUMBER

CHEMTREC
USA: 800.424.9300
International: +1.703.527.3887

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS US CLASSIFICATION

Skin Corrosion/Irritation Category 2	Causes skin irritation
Serious Eye Damage/Eye Irritation Category 2A	Causes serious eye irritation
Aquatic Toxicity 1	Very toxic to aquatic life

2.2 GHS LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS

GHS US LABELING

Hazard Pictograms (GHC US)



GHS07

GHS09

Signal Word (GHC US)

Warning

Hazard Statements (GHC US)

Causes skin irritation
Causes serious eye irritation
Very toxic to aquatic life
Very toxic to aquatic life with long lasting effects

Precautionary Statements (GHC US)

- Wash hands, forearms and face thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see supplemental first aid instruction on this label). If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical

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advice/attention. Take off contaminated clothing and wash it before reuse.

-Avoid release to the environment.

2.3 OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION

No additional information available

2.4 UNKNOWN ACUTE TOXICITY (GHS US)

Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

Name	Product Identifier	%	GHS US Classification	Chemical Classification	Harm. Code
The Base	Blend	95+	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Tox. 1, H400	EXTRACTED OLEORESINS [ESSENTIAL OILS (TERPENELESS OR NOT), INCLUDING CONCRETES AND ABSOLUTES; RESINOIDS; EXTRACTED OLEORESINS; CONCENTRATES OF ESSENTIAL OILS IN FATS, IN FIXED OILS, IN WAXES OR THE LIKE, OBTAINED BY ENFLEURAGE OR MACERATION; TERPENIC BY-PRODUCTS OF THE DETERPENATION OF ESSENTIAL OILS; AQUEOUS DISTILLATES AND AQUEOUS SOLUTIONS OF ESSENTIAL OILS: - OTHER:- - EXTRACTED OLEORESINS]	3301.90

Full text of hazard classes and H-statements: see section 16

3.2 MIXTURES

Not applicable

SECTION 4: FIRST-AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

First-aid measures after inhalation	- Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	- Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	- Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	- Call a poison center/doctor/physician if you feel unwell.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS (ACUTE AND DELAYED)

Symptoms/effects after skin contact	Irritation
Symptoms/effects after eye contact	Eye irritation

4.3 IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NECESSARY

Treat symptomatically.

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SECTION 5: FIRE-FIGHTING MEASURES

5.1 SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA

Suitable extinguishing media Water spray. Dry powder. Foam. Carbon dioxide

5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Reactivity The product is non-reactive under normal conditions of use, storage and transport.

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1. FOR NON-EMERGENCY PERSONNEL

Emergency procedures Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. FOR EMERGENCY RESPONDERS

Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for cleaning up Take up liquid spill into absorbent material.

Other information Dispose of materials or solid residues at an authorized site.

6.4 REFERENCE TO OTHER SECTIONS

For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling - Ensure good ventilation of the workstation. Avoid contact with skin and eyes. Wear personal protective equipment
Hygiene measures - Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions Store in a well-ventilated place. Keep cool.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

No additional information available

8.2 APPROPRIATE ENGINEERING CONTROLS

Appropriate engineering controls Ensure good ventilation of the workstation.

Environmental exposure controls Avoid release to the environment.

8.3 INDIVIDUAL PROTECTION MEASURES/PERSONAL PROTECTIVE EQUIPMENT

Hand protection: Protective gloves

Eye protection: Safety glasses

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Skin and body protection:	Wear suitable protective clothing
Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	COLORLESS TO PALE YELLOW LIQUID
Odor	FLORAL, BALSAMIC ODOR
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
Freezing Point	No data available
Boiling Point	130°C (266°F)
Flash Point	94 °C (201°F)
Relative Evaporation Rate (butyl acetate=1)	No data available
Flammability (solid, gas)	Not applicable
Vapor Pressure	No data available
Relative Vapor Density at 20 °C	No data available
Relative Density	0.85 (0.84 - 0.86)
Solubility	Insoluble in Water. Soluble in Oil
Log Pow	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity, Kinematic	No data available
Viscosity, Dynamic	No data available
Explosion Limits	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available

9.2 OTHER INFORMATION

Refractive index	1.464 (1.454 - 1.474)
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SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

The product is non-reactive under normal conditions of use, storage and transport.

10.2 CHEMICAL STABILITY

Stable under normal conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known under normal conditions of use.

10.4 CONDITIONS TO AVOID

None under recommended storage and handling conditions (see section 7).

10.5 INCOMPATIBLE MATERIALS

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No additional information available.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity	Not classified
Skin Corrosion/Irritation	Causes skin irritation.
Serious Eye Damage/Irritation	Causes serious eye irritation.
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive Toxicity	Not classified
STOT-Single Exposure	Not classified
STOT-Repeated Exposure	Not classified
Aspiration Hazard	Not classified
Symptoms/Effects After Skin Contact	Irritation
Symptoms/Effects After Eye Contact	Eye Irritation

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Ecology – General The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

12.2 PERSISTENCE AND DEGRADABILITY

No additional information available.

12.3 BIOACCUMULATIVE POTENTIAL

No additional information available

12.4 MOBILITY IN SOIL

No additional information available

12.5 OTHER ADVERSE EFFECTS

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 DISPOSAL METHODS

Waste Treatment Methods Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT)	In Accordance With DOT. Not regulated.
TRANSPORTATION OF DANGEROUS GOODS	Not applicable
TRANSPORT BY SEA	Not applicable
AIR TRANSPORT	Not applicable

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SECTION 15: REGULATORY INFORMATION

15.1 US FEDERAL REGULATIONS

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 INTERNATIONAL REGULATIONS

CANADA

Listed on the Canadian DSL (Domestic Substances List)

EU REGULATIONS

No additional information available

NATIONAL REGULATIONS

No additional information available

15.3 US STATE REGULATIONS

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: OTHER INFORMATION

HMIS RATING

Health Hazard: 2

Chronic Health Hazard: /

Fire Hazard: 0

Physical Hazard: 0

Personal Protection: B

NFPA RATING

Health Hazard: 2

Fire Hazard: 0

Reactivity Hazard: 0



FURTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lab Effects, LLC and its affiliates shall not be held liable from any damage resulting from handling or from use with the product listed above.