



GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

FOROSM
ROSEMARY

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

Fragrance ingredient for use in consumer products.
Not for personal use in this form or concentration.
Intended to be used in the manufacture of products for consumers.

1.3 Details of the supplier of the safety data sheet

INDIGO FRAGRANCE
PO BOX 337
Necedah, WI 54646

1.4 Emergency telephone number

(24 Hours) Chemtrec: 800-424-9300 (For U.S., Canada, Mexico) 703-527-3887 (International).

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to Regulation HCS 2012

Flammable Liquid - Cat. 4	H227
Skin Sensitization - Cat. 1	H317
Eye Damage - Cat.1	H318
Reproductive Toxicity - Cat. 2	H361
Specific Target Organ Toxicity - Single Exposure - Cat. 2	H371
Environmental Hazard (chronic) - Cat. 2	H411

Additional information

Full text of listed statements : See section 16

2.2 Label elements

GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

Hazard pictograms:



Signal Word:

Danger

Hazard Statements:

H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.
H371	May cause damage to organs central nervous system, kidney if swallowed.
H227	Combustible liquid
H361	Suspected of damaging fertility or the unborn child.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements:

P201	Obtain special instructions before use.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+P311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

2.3 Other hazards

CAUTION: THIS MATERIAL CONTAINS VOLATILE FRAGRANCE CHEMICALS IDENTIFIED AS HAVING HIGH VAPOR PRESSURE AND/OR AN ESTABLISHED TLV/TWA/STEL FOR INHALATION EXPOSURE.

No data available at this time.

3 COMPOSITION/INFORMATION ON INGREDIENTS

The exact percentage (concentration) of composition has been withheld as a trade secret.

3.2 Mixture

Mixture of aromatic substances.

GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

Contains :

$\geq 20.0 < 30.0\%$

Benzyl Benzoate

N° CAS : 0000120-51-4

N° EC: 204-402-9

N° EU REACH: 01-2119976371-33

$\geq 7.5 < 10.0\%$

2-Oxabicyclo[2.2.2]Octane, 1,3,3-Trimethyl-

N° CAS : 0000470-82-6

N° EC: 207-431-5

$\geq 2.5 < 5.0\%$

Bicyclo[2.2.1]Heptan-2-One, 1,7,7-Trimethyl-

N° CAS : 0000076-22-2

N° EC: 200-945-0

N° EU REACH: 01-2119966156-31

$\geq 1.0 < 2.5\%$

D-Limonene

N° CAS : 0005989-27-5

N° EC: 227-813-5

$\geq 0.5 < 1.0\%$

Alpha-Pinene

N° CAS : 0000080-56-8

N° EC: 232-077-3

N° EU REACH: 01-2119979519-16

$\geq 0.1 < 0.5\%$

1,4-Cyclohexadiene, 1-Methyl-4-(1-Methylethyl)-

N° CAS : 0000099-85-4

N° EC: 202-794-6

GHS Classification:

Acute Toxicity (oral) - Cat. 4 [H302]

Environmental Hazard (acute) - Cat. 1 [H400]

Environmental Hazard (chronic) - Cat. 2 [H411]

Skin Sensitization - Cat. 1B [H317]

Eye Irritation - Cat.2B [H320]

Flammable Liquid - Cat. 3 [H226]

Eye Damage - Cat.1 [H318]

Specific Target Organ Toxicity - Single Exposure -

Cat. 2 [H371]

Acute Toxicity (oral) - Cat. 4 [H302]

Acute Toxicity (inhalation) - Cat. 4 [H332]

Skin Irritation - Cat. 2 [H315]

Environmental Hazard (chronic) - Cat. 2 [H411]

Flammable Solids - Cat. 2 [H228]

Aspiration Hazard - Cat. 1 [H304]

Skin Sensitization - Cat. 1B [H317]

Skin Irritation - Cat. 2 [H315]

Environmental Hazard (acute) - Cat. 1 [H400]

Environmental Hazard (chronic) - Cat. 3 [H412]

Flammable Liquid - Cat. 3 [H226]

Aspiration Hazard - Cat. 1 [H304]

Skin Sensitization - Cat. 1B [H317]

Acute Toxicity (oral) - Cat. 4 [H302]

Skin Irritation - Cat. 2 [H315]

Environmental Hazard (acute) - Cat. 1 [H400]

Environmental Hazard (chronic) - Cat. 1 [H410]

Flammable Liquid - Cat. 3 [H226]

Reproductive Toxicity - Cat. 2 [H361]

Aspiration Hazard - Cat. 1 [H304]

Environmental Hazard (chronic) - Cat. 2 [H411]

Flammable Liquid - Cat. 3 [H226]

GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

>= 0.1 < 0.5%

Bicyclo[2.2.1]Heptane, 2,2-Dimethyl-3-Methylene-

N° CAS : 0000079-92-5

N° EC: 201-234-8

N° EU REACH: 01-2119446293-40

Eye Irritation - Cat.2B [H320]

Environmental Hazard (acute) - Cat. 1 [H400]

Environmental Hazard (chronic) - Cat. 1 [H410]

Flammable Solids - Cat. 2 [H228]

>= 0.1 < 0.5%

Benzene, 1-Methyl-4-(1-Methylethyl)-

N° CAS : 0000099-87-6

N° EC: 202-796-7

Reproductive Toxicity - Cat. 2 [H361]

Acute Toxicity (inhalation) - Cat. 3 [H331]

Aspiration Hazard - Cat. 1 [H304]

Environmental Hazard (chronic) - Cat. 2 [H411]

Flammable Liquid - Cat. 3 [H226]

>= 0.1 < 0.5%

Caryophyllene

N° CAS : 0000087-44-5

N° EC: 201-746-1

N° EU REACH: 01-2120745237-53

Aspiration Hazard - Cat. 1 [H304]

Skin Sensitization - Cat. 1B [H317]

>= 0.1 < 0.5%

Beta-Pinene

N° CAS : 0000127-91-3

N° EC: 242-060-2

N° EU REACH: 01-2119519230-54

Aspiration Hazard - Cat. 1 [H304]

Skin Sensitization - Cat. 1B [H317]

Skin Irritation - Cat. 2 [H315]

Environmental Hazard (acute) - Cat. 1 [H400]

Environmental Hazard (chronic) - Cat. 1 [H410]

Flammable Liquid - Cat. 3 [H226]

>= 0.1 < 0.5%

Bicyclo[4.1.0]Hept-3-Ene, 3,7,7-Trimethyl-

N° CAS : 0013466-78-9

N° EC: 236-719-3

Aspiration Hazard - Cat. 1 [H304]

Skin Sensitization - Cat. 1 [H317]

Acute Toxicity (inhalation) - Cat. 4 [H332]

Skin Irritation - Cat. 2 [H315]

Environmental Hazard (chronic) - Cat. 2 [H411]

Flammable Liquid - Cat. 3 [H226]

4 FIRST-AID MEASURES

4.1 Description of first aid measures

General information:

As in all cases of potential poisoning, Obtain medical advice immediately.

In case of eye contact:

In the event of contact with the eyes, irrigate with water for at least 15 minutes; obtain medical advice if irritation persists.

In case of inhalation:

In the event of exposure to vapors, immediately remove from the area to a fresh air environment.



GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

Individuals showing evidence of inhalation exposure should be taken to an uncontaminated area. Obtain medical advice immediately.

In case of skin contact:

Remove contaminated clothes. Wash skin with large volumes of water.

If irritation persists, or any sign of tissue damage is apparent, obtain medical advice immediately.

In case of ingestion:

In the event of accidental ingestion, rinse mouth with water. Give up to one tumbler (half pint) of milk or water.

Obtain medical advice immediately.

Do not induce vomiting, obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No information available on the product itself.

4.3 Indication of immediate medical attention and special treatment needed

None known.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

In the event of fire, adequate extinguishers should be used. Avoid inhalation of smoke and fumes. In case of insufficient ventilation, wear suitable respiratory equipment.

Use standard procedures and preferred extinguishing media as stated below.

Extinguishing media: Foam, carbon dioxide or dry chemical.

5.2 Special hazard arising from the substance or mixture

None.

5.3 Advice for fire-fighters

No specific advice.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Impervious gloves should be worn when handling spillages. No smoking. Avoid naked flames or other potential sources of ignition (eg. electrical equipment).

Avoid skin contamination and inhalation of vapour.

Individual washing routines should be followed after any potential contact.

Ensure adequate ventilation in working areas following accidental releases.

For emergency personnel:

Apply the same recommendations as section 6.1

6.2 Environmental precautions

Do not discharge directly into drains, air, into soil or into the aquatic environment.



GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

6.3 Methods and material for containment and cleaning up

For containment:

Small spills can be wiped up with a cloth or paper. Standard absorbents can be used (saw dust, sand, vermiculite). Wear rubber gloves. Avoid contact with skin. If skin contact occurs, wash liberally with soap and water.

Vapors may cause vomiting and nausea. In case of insufficient ventilation, wear appropriate respiratory protection.

For cleaning-up:

Spillages should be disposed of in accordance with Governmental Regulations.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Wear impervious gloves protection and eye/face protection.

No smoking. Avoid any sources of ignition.

Avoid exposing to high temperature during processing.

Do not ingest or apply to the skin as such. Good personal washing routines should be followed.

Maintain adequate local and general ventilation where product is handled.

Protective measures

Keep strict control of dust accumulation to a minimum. Maintain adequate local and general ventilation where product is handled. Avoid any sources of ignition.

Advice on general occupational hygiene

Good personal washing routines should be followed.

7.2 Conditions for safe storage, including any incompatibilities

It is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature. Do not re-use the empty container.

Respect general rules for compatibility storage.

7.3 Specific end use(s)

Not available at this time.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

0000076-22-2 : CAMPHOR (SYNTHETIC)

US NIOSH Pocket Guide to Chemical Hazards Data

Recommended exposure limit (REL): 2 mg/m³

0000076-22-2 : CAMPHOR (SYNTHETIC)

US OSHA Table Z-1 Data



GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

Permissible exposure limit: 2 mg/m³

0000076-22-2 : CAMPHOR (SYNTHETIC)

US OSHA Table Z-1-A Data

Time Weighted Average (TWA): 2 mg/m³

0000076-22-2 : Camphor, synthetic

US ACGIH Threshold Limit Values Data

Short Term Exposure Limit (STEL): 3 ppm

Time Weighted Average (TWA): 2 ppm

0013466-78-9 : Turpentine and selected monoterpenes

US ACGIH Threshold Limit Values Data

Time Weighted Average (TWA): 20 ppm

Derived No Effect Level (DNEL)

No data available

Predicted No Effect Concentration (PNEC)

No data available

8.2 Exposure controls

Avoid exposing to high temperature during processing.

Maintain adequate local and general ventilation where product is handled.

Appropriate engineering controls

Maintain adequate local and general ventilation where product is handled and dispensed.

Environmental exposure controls

Not available at this time. Minimize release to the environment.

Personal protection

Respiratory protection: Breathing of the vapors or dust particles may be hazardous. In the absence of appropriate engineering controls such as spot ventilation, ventilated enclosures, etc., workers should avail themselves of the appropriate NIOSH approved respiratory protection.

Hand protection: Adequate and Impervious Protective Gloves should be worn.

Eye protection: Adequate safety glasses should be used.

Skin protection: Wear protective clothing, overall if necessary to limit the odour contamination of personal clothing. Individual washing routines should be followed after any potential contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance :

Colour :

Odour :

LIQUID

Not available

Characteristic strong odour according to the commercial description of the substance.



GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

Melting point/range (°C) :	Not determined
Initial boiling point/range :	Not available
Flammability :	Combustible liquid
Explosive properties (St class) :	Not determined
Flash point (closed cup) :	= 79°C
Auto-ignition temperature (°C):	Not determined
Decomposition temperature :	No decomposition if stored and applied as directed.
pH :	Not determined
Water solubility (20°C) :	Not applicable, the product is a mixture
Partition coef. (n-octanol/water) :	Not applicable, the product is a mixture
Calculated vapor pressure (At 20°C in mm Hg):	Not determined
Relative density (d 20/20) :	Not determined

9.2 Other safety information

None

10 STABILITY AND REACTIVITY

10.1 Reactivity

No reaction known with water.

10.2 Chemical stability

Good stability at standard temperature.

Presents no significant reactivity hazard. Normally stable even at elevated temperatures and pressures. Avoid temperatures above or near to the flash point. Not pyrophoric nor reactive with water. Does not undergo explosive decomposition, is shock stable, and is not an oxygen donor. Does not form explosive mixtures with other organic materials. Will not undergo hazardous exothermic polymerization.

10.3 Possibility of hazardous reactions

Not known.

10.4 Conditions to avoid

Avoid temperatures above or at least 5 °C below flash point for any flammable liquids.

Do not heat closed containers.

Avoid contact with oxidizing agents.

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

Contact with water or storage under recommended conditions for one year should not produce dangerous decomposition products.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects



GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

This mixture has not been subjected to toxicological testing as an entity. According to available data on the constituents the health classification criteria are met.

(a) acute toxicity

Calculated LD50 Oral: LD50 > 2000 mg/kg bw

(b) skin corrosion/irritation

Not applicable

(c) serious eye damage/irritation

Eye Damage - Cat.1

(d) respiratory or skin sensitisation

Skin Sensitization - Cat. 1

(e) germ cell mutagenicity

Not applicable

(f) carcinogenicity

Not applicable

(g) reproductive toxicity

Reproductive Toxicity - Cat. 2

(h) STOT-single exposure

Specific Target Organ Toxicity - Single Exposure - Cat. 2

(i) STOT-repeated exposure

Not applicable

(j) aspiration hazard

Not applicable

12 ECOLOGICAL INFORMATION

This mixture has not been subjected to ecotoxicological testing as an entity. According to available data on the constituents the environmental classification criteria are met.

12.1 Toxicity

Environmental Hazard (chronic) - Cat. 2

12.2 Persistence and degradability

No data available



GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

No data available

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: The product should be handled according to the instructions given under sections 6, 7 and 8. Dispose of according to local or national regulations. The product should not be allowed to enter drains or the environment.

Contaminated packaging: Empty packaging should be disposed according to local or national regulations by an approved waste handling

14 TRANSPORT INFORMATION

In case of accidental spillage or fire during transport, refer to instructions given under points 5, 6, 7 and 8 above.

UNO

UN-No:	3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)
Class:	9
Packing Group:	III
	Hazardous to the Environment

Land transport (ADR/RID)

UN-No:	3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)
Class:	9
Packing group:	III

Sea transport (IMDG-Code)



GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

UN-No: 3082
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)
Class: 9
Packing group: III
Marine pollutant

Air transport (ICAO-IATA)

UN-No: 3082
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE)
Class: 9
Packing group: III

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

This mixture contains no toxic chemical or chemicals subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 29 CFR Part 1910.1200.

15.2 Chemical Safety Assessment

No data available at this time.

16 OTHER INFORMATION

Revisions

March-2025 : Version 14.0 - Updates to sections 1, 2, 3, 9, 11, 14, 15, 16

Key literature references

RIFM database
OECD SIDS
EU IUCLID
Supplier information

Full text of phrases used under section 2

H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H371 May cause damage to organs central nervous system, kidney if swallowed.
H227 Combustible liquid
H361 Suspected of damaging fertility or the unborn child.
H411 Toxic to aquatic life with long lasting effects.

P201 Obtain special instructions before use.



GHS Safety Data Sheet - US

According to Regulation HCS 2012

This Safety Data Sheet cancels and replaces all preceding SDS for this product.

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P273	Avoid release to the environment.
P202	Do not handle until all safety precautions have been read and understood.
P272	Contaminated work clothing should not be allowed out of the workplace.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+P311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P310	Immediately call a POISON CENTER or doctor/physician.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P370+P378	In case of fire: Use appropriate fire extinguishers for fire control.
P391	Collect spillage.
P363	Wash contaminated clothing before reuse.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P308	IF exposed or concerned:

Full text of phrases used under section 3

H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H320	Causes eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child.
H371	May cause damage to organs.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and the conditions of use of the product are not within the control of Indigo Fragrance, it is the user's obligation to determine conditions of safe use of the product.

Information contained in this document and related material is proprietary to Indigo Fragrance. Disclosure to third parties without the prior written consent of Indigo Fragrance except where required by applicable laws and regulations and/or reverse engineering are strictly prohibited.