

CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

SCOPE OF THE CERTIFICATE:

THISTLE 20252

COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 49th Amendment to the IFRA Code of Practice (published January 2020), provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)
IFRA Category 1	Not approved
IFRA Category 2	0.18%
IFRA Category 3	3.55%
IFRA Category 4	3.54%
IFRA Category 5A	0.86%
IFRA Category 5B	0.86%
IFRA Category 5C	0.86%
IFRA Category 5D	0.28%
IFRA Category 6	Not approved
IFRA Category 7A	3.55%
IFRA Category 7B	3.55%
IFRA Category 8	0.28%
IFRA Category 9	6.75%
IFRA Category 10A	6.75%
IFRA Category 10B	19.51%
IFRA Category 11A	0.28%
IFRA Category 11B	0.28%
IFRA Category 12	Not limited

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact Gracefruit Limited.

ADDITIONAL INFORMATION ABOUT INGREDIENTS

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture THISTLE 20252 is as follows:

Materials with an IFRA limit:	CAS number(s):	Concentration (%) in the fragrance mixture
(2-methyl-3-(p-isopropylphenyl) propionaldehyde)	103-95-7	0.0008%
Cedrene	11028-42-5, 469-61-4, 546-28-1	0.1875%
alpha iso methyl ionone	127-51-5	0.1571%
amyl cinnamic aldehyde	122-40-7	1.2125%
citronellol	106-22-9	0.8175%
coumarin	91-64-5	1.3349%
iso eugenol	97-54-1	3.1071%
oakmoss resin	90028-68-5	0.5125%
p-tert-butyl-alpha-methylhydrocinnamic aldehyde	80-54-6	1.1250%
phenylacetaldehyde 100%	122-78-1	1.7000%

Regulatory Affairs Department

ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type
IFRA Category 1	Products applied to the lips: Lip products e.g. lipstick, lip balm; Childrens toys
IFRA Category 2	Products applied to the axillae: Deodorant and antiperspirant products of all types; Body sprays/mists
IFRA Category 3	Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturizer; Facial make-up; Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint
IFRA Category 4	Products related to fine fragrance: Hydroalcoholic and non-hydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips
IFRA Category 5A	Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)
IFRA Category 5B	Face moisturizer products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturizers and creams
IFRA Category 5C	Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitizers
IFRA Category 5D	Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets
IFRA Category 7A	Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e.g. relaxers, including rinse-off hair dyes
IFRA Category 7B	Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, leave- on conditioners; Hair permanent or other hair chemical treatments (leave-on) e.g. relaxers, including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer
IFRA Category 8	Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Products with body and hand exposure, primarily rinse off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (rinse-off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depilatories (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in a bath for soaking); Shampoos for pets
IFRA Category 10A	Household care excluding aerosol / spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand dishwashing detergent; Hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.
IFRA Category 10B	Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Paper towels; Wheat bags; Facial masks (paper/protective) e.g. surgical masks not used as medical device; Fertilizers, solid (pellet or powder)
IFRA Category 12	Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types ; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrated aerosol with metered doses, plug-ins, electrical, incense, liquid refills (cartridge); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact e.g. fabric drying machine deodorizers, carpet powders; Fuels; Insecticides e.g. mosquito coil, paper, electrical, for clothing, excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers - for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (Toilet)

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: THISTLE 20252 *HEAHY20252

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: THISTLE 20252 *HEAHY20252(Contains:PARA TERTIARY BUTYL CYCLO HEXYL ACETATE, Phenyl Ethyl Alcohol, TERPINEOL, iso eugenol)

Other identifiers: None

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

Product uses: Fragrances

1.3 Details of the supplier of the safety data sheet

Company name: **Gracefruit Limited**

Company address: 209 Glasgow Road
Longcroft
Bonnybridge
FK4 1QQ
01324 841353

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.

Classification under Directive 1999/45/EC

Hazard symbols: Xn, Harmful.
N, Dangerous for the environment.

Risk phrases: R22, Harmful if swallowed.
R43, May cause sensitisation by skin contact.

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R36/38, Irritating to eyes and skin.

R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Signal word: Warning

Hazard statements: H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.

Supplemental Information: EUH208, Contains alpha iso methyl ionone, citronellol, coumarin, p-tert-butyl-alpha-methylhydrocinnamic aldehyde, ALDEHYDE C11 UNDECYLENIC, heliotropin, phenylacetaldehyde 100%, ROSEMARY TERPENES, amyl cinnamic aldehyde, Cineols, oakmoss resin. May produce an allergic reaction.

Precautionary statements: P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P391, Collect spillage.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

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Product: THISTLE 20252 *HEAHY20252

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Section 3. Composition / information on ingredients**3.2 Mixtures****Contains:**

Name	CAS	EC	REACH Registration No.	%	Classification for (DSD) 67/548/EEC	Classification for (CLP) 1272/2008
Phenyl Ethyl Alcohol	60-12-8	200-456-2		27.77%	Xn ; R22-R36	ATO 4-EDI 2;H302-H319,-
BENZYL ACETATE	140-11-4	205-399-7		18.24%	- ; -	EH C3;H412,-
TERPINEOL	8000-41-7	232-268-1		6.60%	Xi ; R36/38	SCI 2-EDI 2;H315-H319,-
AMYL SALICYLATE	2050-08-0	218-080-2		4.15%	Xn-N ; R22-R50/53	ATO 4-EH A1-EH C1; H302-H410,-
PARA TERTIARY BUTYL CYCLO HEXYL ACETATE	32210-23-4	250-954-9		3.50%	Xi-N ; R43-R51/53	SS 1B;H317,-
linalool	78-70-6	201-134-4		3.28%	Xi ; R38	SCI 2-EDI 2;H315-H319,-
iso eugenol	97-54-1	202-590-7		3.11%	Xn ; R43-R21/22-R36/38	ATO 4-ATD 4-SCI 2-EDI 2-SS 1A;H302-H312-H315-H317-H319,-
TERPINYL ACETATE	8007-35-0	232-357-5		2.95%	Xi-N ; R38-R51/53	-;-,-
phenylacetaldehyde 100%	122-78-1	204-574-5		1.70%	Xn ; R22-R43	ATO 4-SS 1B;H302-H317,-
Linalyl Acetate	115-95-7	204-116-4		1.66%	Xi ; R38	SCI 2-EDI 2;H315-H319,-
coumarin	91-64-5	202-086-7		1.33%	Xn ; R22-R43	ATO 4-SS 1B;H302-H317,-
Linalyl Acetate	115-95-7	204-116-4		1.33%	Xi ; R38	SCI 2-EDI 2;H315-H319,-
GALAXOLIDE 50 DEP	1222-05-5	214-946-9		1.27%	N ; R50/53	EH A1-EH C1;H410,-
amyl cinnamic aldehyde	122-40-7	204-541-5		1.21%	Xi-N ; R38-R43-R51/53	SS 1B-EH C2;H317-H411,-
p-tert-butyl-alpha-methylhydrocinnamic aldehyde	80-54-6	201-289-8		1.13%	Xn-N ; R22-R38-R43-R62-R51/53	ATO 4-SCI 2-SS 1B-REP 2-EH C2;H302-H315-H317-H361-H411,-
heliotropin	120-57-0	204-409-7		1.13%	Xi ; R43	SS 1B;H317,-
citronellol	106-22-9	203-375-0		0.82%	Xi-N ; R38-R43-R51/53	SCI 2-EDI 2-SS 1B;H315-H317-H319,-
PATCHOULI OIL POGOSTEMON CABLIN	8014-09-3	282-493-4		0.63%	N ; R51/53	AH 1-EH C2;H304-H411,-
oakmoss resin	90028-68-5	289-861-3		0.51%	Xi ; R43	SS 1B;H317,-
Cedrol	77-53-2	201-035-6		0.34%	N ; R51/53	EH C2;H411,-
Cineols	470-82-6	207-431-5		0.30%	Xi ; R10-R43	FL 3-SS 1B;H226-H317,-
ROSEMARY TERPENES	8000-25-7			0.17%	Xn-N ; R10-R43-R65-R51/53	FL 3-SCI 2-SS 1-AH 1-EH C2;H226-H304-H315-H317-H411,-
alpha iso methyl ionone	127-51-5	204-846-3		0.16%	Xi-N ; R43-R36/38-R51/53	SCI 2-SS 1B-EH C2;H315-H317-H411,-
Alpha-Cedrene	469-61-4	207-418-4		0.15%	Xn-N ; R65-R50/53	AH 1-EH A1-EH C1;H304-H410,-
Tonalid	1506-02-1	216-133-4		0.14%	Xn-N ; R22-R50/53	ATO 4-EH A1-EH C1; H302-H410,-
ALDEHYDE C11 UNDECYLENIC	112-45-8	203-973-1		0.11%	Xi-N ; R38-R43-R51/53	SCI 2-EDI 2-SS 1B-EH C3; H315-H317-H319-H412,-
Caryophyllene	87-44-5	201-746-1		0.07%	Xn ; R65	AH 1;H304,-
Beta-Farnesene	18794-84-8	242-582-0		0.06%	Xn ; R65	AH 1;H304,-
limonene	5989-27-5	227-813-5		0.04%	Xn-N ; R10-R38-R43-R65-R50/53	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-

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Ocimene	13877-91-3	237-641-2		0.03%	Xn ; R65	FL 3-AH 1;H226-H304,-
Beta-Caryophyllene	87-44-5	201-746-1		0.02%	Xn ; R65	AH 1;H304,-
d'limonene	5989-27-5	227-813-5		0.02%	Xn-N ; R10-R38-R43-R65-R50/53	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
pinenes	80-56-8	201-291-9		0.009%	Xn ; R10-R38-R43-R65	FL 3-SCI 2-SS 1B-AH 1; H226-H304-H315-H317,-
Gamma-Terpinene	99-85-4	202-794-6		0.003%	Xn ; R10-R65	FL 3-AH 1;H226-H304,-
p-cymene	99-87-6	202-796-7		0.003%	Xn-N ; R10-R65-R51/53	FL 3-AH 1-EH C2;H226-H304-H411,-
Myrcene	123-35-3	204-622-5		<0.001%	Xn ; R10-R38-R65	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319,-
Alpha-Terpinene	99-86-5	202-795-1		<0.001%	Xn-N ; R10-R22-R65-R51/53	FL 3-ATO 4-AH 1-EH C2; H226-H302-H304-H411,-

Substances with Community workplace exposure limits, not listed above:

Name	CAS	EC	%
DEP	84-66-2	201-550-6	2.68%

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First-aid measures**4.1 Description of first aid measures**

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

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5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description			Reference

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DEP	84-66-2	201-550-6	Long-term exposure limit (8-hour TWA reference period)	-	5	UK EH40 Oct 2007
			Short-term exposure limit (15-minute reference period)	-	10	UK EH40 Oct 2007

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
pH:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 60 °C
Vapour pressure:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
9.2 Other information:	None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

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10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity:	2646
Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity:	>5000
Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity:	Not Available
Inhalation Route:	Not Available

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
AMYL SALICYLATE	2050-08-0	218-080-2	2000	Not available	Not available	Not available
Phenyl Ethyl Alcohol	60-12-8	200-456-2	1610	2500	Not available	Not available
coumarin	91-64-5	202-086-7	500	Not available	Not available	Not available
iso eugenol	97-54-1	202-590-7	1500	1900	Not available	Not available
p-tert-butyl-alpha-methylhydrocinnamic aldehyde	80-54-6	201-289-8	1390	Not available	Not available	Not available
phenylacetaldehyde 100%	122-78-1	204-574-5	1550	2500	Not available	Not available

Refer to Sections 2 and 3 for additional information.

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Version: 1

Section 12. Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN3082

14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(AMYL SALICYLATE, Alpha-Cedrene)

14.3 Transport hazard class(es): 9

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

None additional

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

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Product: THISTLE 20252 *HEAHY20252**Version:** 1**Concentration % Limits:** EH C2=34.27% EH C3=3.34% EH C4=90.44% SCI 2=58.48% EDI 2=22.86% SS 1=3.22%**Total Fractional Values:** EH C2=2.92 EH C3=29.91 EH C4=1.11 SCI 2=1.71 EDI 2=4.37 SS 1=31.07**Key to revisions:**

Not applicable

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATD 4	Acute Toxicity - Dermal Category 4
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child (exposure route).
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.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.

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P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
REP 2	Toxic to Reproduction Category 2
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1A	Sensitization - Skin Category 1A
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.