

According to EC 1272/2008

Trade name: HOLLY

Product No: XK-202204

Date of compilation: 2022-09-26

Version 1.0

<http://www.fechii.com>

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Trade name: HOLLY

Product No: XK-202204

1.2 Relevant identified use

Intended use: Fragrance for consumer product. Restricted to professional users. Industrial use only.

1.3 Details of the supplier of the safety data sheet

Company name : FECHII Flavor Fragrance CO.,LTD

Manufacturer : Beihu West Road, Circular Economic Development District, Ninghai County,
Ningbo, China.

Tel: +86-574-83006565

Fax: +86-574-83007575

1.4 Emergency Tel

+86-574-83006565; Monday to Friday, 8am to 5pm GMT+8

2. Hazards Identification

2.1 Classification of the substance or mixture

Product definition: Mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification –according to (EC) No 1272/2008(CLP)

Skin irritation, Category 2

H315: Causes skin irritation.

Skin sensitization, Category 1/1B

H317: May cause an allergic skin reaction.

Eye irritation, Category 2

H319: Causes serious eye irritation.

Chronic aquatic toxicity, Category 2

H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION(EC) No 1272/2008)

Hazard pictograms



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.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children

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Prevention:

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash...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/protective clothing/eye protection/face protection.

Response:

- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308 + P313 IF exposed or concerned: Get medical advice/attention
- P391 Collect spillage.

Storage:

- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container to places specified by local/regional/national/international regulations.

Hazardous components which must be listed on the label:

2.3 Other hazards

No data available

3. Composition/information on ingredients

Ingredient	CAS#	Conc.Ra nge [mass%]	EC#	Classification Regulatory (EC)1272/2008
ISOPARAFFIN	68551-17-7	25-30	271-366-9	H304,H413
ISO PROPYL MYRISTATE	110-27-0	20-25	203-751-4	/
ISO BORNYL ACETATE	125-12-2	15-20	204-727-6	/
TERPINEOL ALPHA	8000-41-7	5-10	232-268-1	H315,H319
LINALOOL	78-70-6	1-5	201-134-4	H315,H317,H319
EUGENOL	97-53-0	1-5	202-589-1	H317,H319
LINALYL ACETATE	115-95-7	1-5	204-116-4	H315,H317,H319
EUCALYPTUS OIL	8000-48-4	1-5	283-406-2	H226,H304,H315,H317 H411
TRIPLAL	68039-49-6	1-5	268-264-1	H315,H317,H411,H412
HEDIONE	24851-98-7	1-5	246-495-9	/
CINNAMIC ALDEHYDE	104-55-2	1-5	203-213-9	H312,H315,H317,H319
GERANIOL	106-24-1	1-5	203-377-1	H315,H317,H318
ORANGE TERPENES	5989-27-5	0-1	227-813-5	H226,H304,H315,H317 H400,H410,H412
BENZYL SALICYLATE	118-58-1	0-1	204-262-9	H317,H319,H411,H412

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LILIAL	80-54-6	0-1	201-289-8	H302,H315,H317,H360 H361,H411,H412
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4. First-Aid Measures

4.1. Description of first aid measures

inhalation: Remove from exposure site and keep at rest.

skin exposure: Remove all contaminated clothing. Wash thoroughly with plenty of water and soap Contact physician if symptoms persist.

eye exposure: Flush immediately with water for at least 5 minutes.

Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice. In severe cases seek medical attention and show the safety data sheet.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No data available

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Refer to Section 2.2 "Response"

5. Fire-fighting measures

5.1 Extinguishing media

Suitable: Carbon dioxide(CO₂), Dry chemical, foam

Unsuitable: Do not use direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin or eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Ross spillages should be contained by use of sand or inert powder and disposed of according to the local regulation.

6.4 Reference to other sections

Not applicable.

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7. Handling and storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation and adequate ventilation. Do not eat, drink or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end use

No information available.

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure control - Personal protective equipment

Respiratory Protection Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate exposure

Eyes Protection Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Skin Protection Avoid Skin contact. Use chemically resistant gloves as needed

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Odor	Accord with standard sample
Odour threshold	Not determined
Melting point /freezing point	Not determined
Boiling point or initial boiling point and boiling range	Not determined
Flammability	Not determined
Lower and upper explosion limit	Not determined
Flash point@°C	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
pH	Not determined
Kinematic viscosity	Not determined
Solubility in water	Insoluble
Partition coefficient n-octanol/water	Not applicable
Vapor pressure(mmHg@20°C)	Not determined

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Refractive index @ 20°C	Not determined
Density @ 25°C	Not determined
Relative vapour density	Not determined
Particle characteristics	Not applicable

10. Stability and reactivity

10.1	Reactivity	None.
10.2	Chemical stability	Stable.
10.3	Possibility of hazardous reactions	None known
10.4	Conditions to be avoided	None known
10.5	Incompatible materials	Avoid contact with strong oxidizing agents, strong acids, and alkalis
10.6	Hazardous decomposition products	None known

11. Toxicological information

11.1 Toxicological Effects

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.

Acute toxicity – Oral – (Rat) mg/kg	Not classified – the classification criteria are not met
Acute toxicity –Dermal – (Rat) mg/kg	Not classified – the classification criteria are not met
Acute toxicity –Inhalation-(Rat) mg/L/4hr	Not classified – the classification criteria are not met
Skin corrosion/irritation	Causes skin irritation
Serious eye damage/irritation	Causes serious eye irritation
Respiratory sensitization	Not classified-the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified-the classification criteria are not met
Carcinogenicity	Not classified-the classification criteria are not met
Reproductive toxicity	Not classified-the classification criteria are not met
Specific target organ toxicity-single exposure	Not classified-the classification criteria are not met
Specific target organ toxicity-repeated exposure	Not classified-the classification criteria are not met
Aspiration hazard	Not classified-the classification criteria are not met

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

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Acute aquatic toxicity	Not classified- the classification criteria are not met
Chronic aquatic toxicity	Toxic to aquatic life with long lasting effects
Toxicity on other organisms	no data available
12.2 Persistence and degradability	no data available
12.3 Bioaccumulative potential	no data available
12.4 Mobility in soil	no data available
12.5 Results of PBT and vPvB assessment	no data available
12.6 Endocrine disrupting properties	no data available
12.7 Other adverse effects	no data available

13. Disposal considerations

13.1 Waste treatment methods

Do not allow product to reach swage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. 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.

14. Transport information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT(Non-Bulk)				
Chemicals NOI				
ADR/RID(International Road/Rail)				
Environmentally Hazardous Substance, Liquid, n.o.s				
IATA (Air Cargo)				
Environmentally Hazardous Substance, Liquid, n.o.s				

15. Regulatory information

Additional European Regulations:

European Union(EINECS, ELINCS or NLP): 100.00% (by Wt) of the components are listed or exempt.

Additional Asian Regulations:

Australian AICS:

100.00% (by Wt) of the ingredients on IECS.

Chinese IECS:

100.00% (by Wt) of the ingredients on IECS.

Japan ENCS:

97.97% (by Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.

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New Zealand NZloc:

99.99%(by Wt) of the ingredients on NZloc.

Philippines PICCS:

100.00%(by Wt) of the ingredients on PICCS.

16. Other information

16.1 Full text of Hazard and Precautionary phrases referred to under section 2 and 3

Hazard statements:

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H360 May damage fertility or the unborn child.

H361 Suspected of damaging fertility or the unborn child.

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.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand

P102 Keep out of reach of children

Prevention:

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

P264 Wash...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/protective clothing/eye protection/face protection.

Response:

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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

P308 + P313 IF exposed or concerned: Get medical advice/attention

P391 Collect spillage.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to places specified by local/regional/national/international regulations.

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use,

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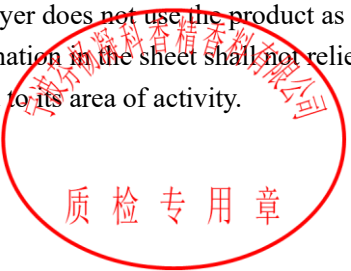
Product No: XK-202204

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processing, storage, transportation and release and is not to be considered a warranty or quality specification. If the buyer does not use the product as advised he will carry the responsibility of any damages that may occur. The information in the sheet shall not relieve anyone of customer duty to take into account all legislation that is bound to its area of activity.





MATERIAL SAFETY DATA SHEET

In accordance with 1907/2006/EC,1272/2008/EC

Date: December 20,2021

1. Identification of the substance/mixture and of the company/undertaking

Product name	xk-202201	MISTLETOE
Product Use	Fragrance for Consumer product	
Company name	MEIYI Flavor Fragrance CO.,LTD	
Emergency phone	86-0512-50128983	
Fax	86-0512-50128993	
E-mail address	meiyi_xj@163.com	
http	//www.ksmyxj.com/	

2. Hazards identification

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Acute toxicity,oral,Category 4

Aspiration hazard,Category 1

Hazardous to the aquatic environment, acute hazard,Category 1

Hazardous to the aquatic environment, long-term hazard,Category 2

Sensitisation, Skin,Category 1

Serious eye damage/eye irritation,Category 2A

Hazard symbol



Signal word

Danger

Warning

Hazard statements

H302 Acute toxicity,oral

H304 Aspiration hazard

H317 Sensitisation, Skin

H319 Serious eye damage/eye irritation

H400 Hazardous to the aquatic environment, acute hazard

H411 Hazardous to the aquatic environment, long-term hazard

Precautionary statements

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

P264 P264 Wash hands thoroughly after handling.

P264 Wash hands thoroughly after handling.

P270 P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 P273 Avoid release to the environment.



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Date: December 20,2021

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

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

P301+P312 IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P302+P352 IF ON SKIN: wash with plenty of soap and water.

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

P321 Specific treatment (see ... on this label).

P330 P330 Rinse mouth.

P333+P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

P337+P313 IF eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P391 P391 Collect spillage. Hazardous to the aquatic environment

P501 Dispose of contents/container to.....

3. Composition/information on ingredients

Chemical Name MULTI-COMPONENT MIXTURE

Hazardous components

Chemical Name	CAS-No.	EINECS-No.	Classification EC1272/2008	Concentration [%]
Benzyl benzoate	<u>120-51-4</u>	204-402-9	H302,H411	0.1-1
Diethyl malonate	105-53-3	203-305-9	H319	5-10
Eugenol	97-53-0	202-589-1	H317,H319	0.001-0.01
Isobornyl acetate	125-12-2	204-727-6	/	30-40



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Isopropyl myristate/1-Methylethyl tetradecanoate	110-27-0	203-751-4	/	40-50
Virginia Cypress Oil	68990-83-0	614-888-8	H304,H400,H410	0.1-1

4. First-aid measures

Description of first aid measures

General advice:	Move out of dangerous area. Never give anything by mouth to an unconscious person. Move to fresh air.
Inhalation:	If symptoms persist, call a physician. Take off all contaminated clothing immediately.
Skin contact:	If skin irritation persists, call a physician. Irrigate copiously with clean, fresh water for at least 10 minutes, keep eye wide open while rinsing.
In case of eye contact:	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist. Prevent vomiting if possible. If a person vomits when lying on his back, place him in the recovers position. Never give anything by mouth to an unconscious person
Ingestion:	Clean mouth with water. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Symptoms:	no data available
Risks:	no data available

Indication of any immediate medical attention and special treatment needed

Treatment:	no data available
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5.Fire-fighting measures

Extinguishing media

Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Unsuitable extinguishing:	high volume water jet

Special hazards arising from the substance or mixture

Specific hazards during fire fighting:	Do not use a solid water stream as it may scatter and spread fire
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Advice for firefighters

Special protective equipment for fire-fighters:	Wear self contained breathing apparatus.
Further information:	Use water spray to cool unopened containers.



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In the event of fire and/or explosion do not breathe fumes

6. Accidental release measures

Personal precautions:	Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.
Environmental:	keep away from drains, surface and ground water, and soil.
Methods for cleaning up:	Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

7. Handling and storage

Advice on safe handling : Avoid excessive inhalation of concentrated vapors. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use.

If appropriate, procedures used during the handling of this material should also be used when cleaning equipment or removing residual chemicals from tanks or other containers, especially when steam or hot water is used, as this may increase vapor concentrations in the workplace air. Where chemicals are openly handled, access should be restricted to properly trained employees.

Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air.

Advice on protection against fire and explosion : Keep away from ignition sources and naked flame.

Requirements for storage areas and containers: Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.

Specific use: No information available

8. Exposure controls/personal protection

Components no substances with occupational exposure limit values.

Respiratory protection: 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. No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient.

If engineering controls and safe work practices are not sufficient, an approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters should be used:

- a) while engineering controls and appropriate safe work practices and/or procedures are being
- b) during short term maintenance procedures when engineering controls are not in normal operation or
- c) if normal operational workplace vapor concentration in the air is increased due to heat ;



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d)during emergencies; or

e)if engineering controls and operational practices are not sufficient to reduce airborne concentrations below an established occupational exposure limit.

Hygiene measures: To the extent deemed appropriate, implement pre-placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material.

To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air to determine potential exposures and to ensure the continuing effectiveness of engineering controls and operational practices to minimize exposure.

Skin protection: Not needed for normal use.

Hand protection: Avoid skin contact , Use chemically resistant gloves as needed.

9. Physical and chemical properties

Appearance	: liquid
Odor	: conforms to standard
Color	: colorless to light yellow
Refractive Index, n	: 1.4465±0.010
Specific Gravity, d	: 0.9078±0.010
PH value	: 8.0max
Lower explosion limit	: not determined
Upper explosion limit	: not determined
Flammability	: not determined
Flash point	: 91°C
Oxidizing properties	: not determined
Boiling point	: not determined

10. Stability and reactivity

Conditions to avoid: Direct sources of heat.

Materials to avoid: Avoid contact with strong acids, alkali or oxidizing agents.

Substances to avoid: None in particular.

Hazardous decomposition products: Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute Toxicity (Oral LD50)	Not determined.
Acute Toxicity (Dermal LD50)	Not determined.
Acute Toxicity (Oral LD52)	Not determined.
Skin Corrosion/ Irritation	Not determined.



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Respiratory or skin sensitization	Not determined.
Germ Cell mutagenicity	Not determined.
Carcinogenicity	Not determined.
Reproductive Toxicity	Not determined.
Specific target organ toxicity - single exposure	Not determined.
Specific target organ toxicity - repeated exposure	Not determined.

Aspiration hazard:

Viscosity	Not determined
Inhalation	May cause sensitization by inhalation.
Ingestion	May cause stomach pain or vomiting
Skin contact	May cause an allergic skin reaction.
Eye contact	May cause severe irritation to eyes.

12. Ecological information

No ecological studies have been carried out on this product.

12.1 Toxicity

Not available

12.2 Persistence and degradability

Not available

12.3 Bioaccumulative potential

Bioaccumulative potential : No data available

Partition coefficient Not determined

12.4 Mobility in soil

Not relevant

12.5 Results of PBT and vPvB assessment

PBT: Not applicable vPvB: Not applicable

12.6 Other adverse effects

No further relevant information available

12.7 Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage

13. Disposal considerations

Dispose of according to 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.

14. Transport information



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Date: December 20,2021

14.1 UN number:

ADR, IMDG, IATA Not applicable

14.2 UN Proper Shipping Name:

Proper Shipping Name Air freshener

14.3 Transport hazard class(es):

ADR, IMDG, IATA

Class Not applicable

Label: --

14.4 Packing Group:

ADR, IMDG, IATA Not applicable

14.5 Environmental hazards:

Marine pollutants: No

14.6 Special precautions for user:

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Not applicable

15.2 Chemical Safety Assessment

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

16. Other information

Risk Phrases In Full

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

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.

P270 Do not eat, drink or smoke when using this product.

P330 Rinse mouth.

P280 Wear protective gloves/protective clothing.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P36 Remove/Take off immediately all contaminated clothing.

P363 Wash contaminated clothing before reuse.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.



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P337 + P313 If eye irritation persists: Get medical advice/attention.

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

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

The contents and format of this MSDS are in accordance with Regulation (EC) No.1272/2008, (EC) No. 1907/2006,Regulation (EU) No.453/2010 and EU Commission Directive 1999/45/EC, 67/548/EEC.

DISCLAIMER OF LIABILITY

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in anyway connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Abbreviations and acronyms:

ADR: Accord europeen sur le transport des marchandises dangreuses par Route(European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS : Chemical Abstracts Service(Division of the American Chemical S