

Product:

VULTAC® 3

Page: 1 / 6

SDS No.: 002039-001 (Version 3.0)

Date 26.11.2010 (*Cancel and replace* : 16.12.2009)

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Substance name: VULTAC® 3

REACH Registration Number: According to REACH regulation, article 2(9), the substance does not require registration.

CAS-No.: 68555-98-6

Use of the Substance/Mixture :

Curing chemical, Stabilizer for : Rosin resin

Company/Undertaking Identification:
Supplier

Arkema France
THIOCHIMIE
420 rue d'Estienne d'Orves
92705 Colombes Cedex, France
Téléphone : +33 (0)1 49 00 80 80
Télécopie : +33 (0)1 49 00 83 96
<http://www.arkema.com>
pars-drp-fds@arkema.com

E-mail address

Emergency telephone number

National Chemical Emergency Centre Tel: 01865 407 333
00 33 1 49 00 77 77 (*)

2. HAZARDS IDENTIFICATION

Classification (Regulation (EC) No 1272/2008):

Skin sensitization, 1, H317

Classification (Directive 67/548/EEC):

Xi ; R43

Additional information:

For the full text of the R, H, EUH-phrases mentioned in this Section, see Section 16.

Label elements (REGULATION (EC) No 1272/2008):

Hazardous components which must be listed on the label:

CAS-No. : 68555-98-6

Phenol, 4-(1,1-dimethylpropyl)-, polymer with sulfur chloride (S2Cl2)

Hazard pictograms:



Signal word:

Warning

Hazard statements:

May cause an allergic skin reaction.

Precautionary statements:

Prevention:

Avoid breathing dust/fume

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

Response:

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

If skin irritation or rash occurs: Get medical advice/ attention.

Other hazards:

Potential health effects:

May cause sensitization by skin contact.

Physical and chemical hazards:

Thermal decomposition giving flammable and toxic products.

Decomposition products: See chapter 10

Other:

Results of PBT and vPvB assessment : According to REACH regulation, article 2(9), the substance does not require registration.

Therefore, this information is not required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name of the substance¹: VULTAC® 3

Chemical Name ¹	EC-No.	CAS-No.	Concentration	Classification Directive 67/548/EEC	Classification Regulation (EC) No 1272/2008
Phenol, 4-(1,1-dimethylpropyl)-, polymer with sulfur chloride (S2Cl2)	—	68555-98-6	100 %	Xi; R43	Skin Sens. 1; H317

¹: See chapter 14 for Proper Shipping Name

4. FIRST AID MEASURES

Description of necessary first-aid measures, Most important symptoms/effects, acute and delayed:

General advice:

Take off immediately all contaminated clothing.

Inhalation:

Move to fresh air. Oxygen or artificial respiration if needed. In case of persistent problems : Consult a physician.

Skin contact:

Wash immediately, abundantly and thoroughly with water. If skin irritation persists, call a physician.

Eye contact:

Wash immediately, abundantly and thoroughly with water. If irritation persists, consult an ophthalmologist.

Ingestion:

Do NOT induce vomiting. In case of problems : Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Foam, Dry powder, Carbon dioxide (CO2)

Special hazards arising from the substance or mixture:

Thermal decomposition giving flammable and toxic products :

Sulphur oxides, Carbon oxides

Advice for firefighters:

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Prohibit contact with skin and eyes and inhalation of dust (or vapours). Sweep up to prevent slipping hazard. In the case of respirable dust, use self-contained breathing apparatus.

Environmental precautions:

Do not release into the environment.

Methods and materials for containment and cleaning up:

Recovery:

Shovel into suitable container for disposal.

Elimination:

Destroy the product by incineration (in accordance with local and national regulations).

7. HANDLING AND STORAGE

Precautions for safe handling:

Technical measures/Precautions:

Storage and handling precautions applicable to products: Solid (pellets). Sensitizing. Provide appropriate exhaust ventilation at machinery. Provide showers, eye-baths. Provide self-contained breathing apparatus nearby. Only use safety equipment.

Safe handling advice:

Avoid the formation and deposition of dust.

Hygiene measures:

Prohibit contact with skin and eyes and inhalation of dust (or vapours). When using do not eat, drink or smoke. Wash hands after handling. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a dry and well-ventilated place.

Incompatible products:

Strong oxidizing agents

Packaging material:

Recommended: Paper bags, Cardboard containers

Specific use(s) (End Use): None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

Derived No Effect Level (DNEL):

According to REACH regulation, article 2(9), the substance does not require registration. Therefore, this information is not required.

Predicted No Effect Concentration:

According to REACH regulation, article 2(9), the substance does not require registration.

Therefore, this information is not required.

EXPOSURE CONTROLS:

General protective measures:

Ensure sufficient air exchange and/or exhaust in work areas

Personal protective equipment:

Respiratory protection:

Effective dust mask.

In the case of hazardous fumes, wear self contained breathing apparatus.

Hand protection:

Gloves (synthetic rubber, plastic materials)

Eye/face protection:

Safety glasses

Environmental exposure controls:
See chapter 6

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Physical state (20°C):	solid
Form:	Pastilles
Colour:	brown
Odour:	phenol-like
Olfactory threshold:	No data available.
pH:	No data available.
Softening point :	95 - 105 °C
Boiling point/boiling range:	No data available.
Flash point:	closed cup: 171 °C
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Vapour pressure:	No data available.
Vapour density:	No data available.
Density:	1,200 kg/m3 , at 25 °C
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	No data available.
Autoignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity, kinematic:	not applicable
Explosive properties:	
Explosivity:	Not relevant (due to the chemical structure)
Oxidizing properties:	Not relevant (due to the chemical structure)

10. STABILITY AND REACTIVITY

Reactivity & Chemical stability:
The product is stable at ambient temperature

Conditions to avoid:
To avoid thermal decomposition, do not overheat.

Incompatible materials to avoid:
Strong oxidizing agents

Hazardous decomposition products:
Thermal decomposition giving flammable and toxic products :
Sulphur oxides, Carbon oxides

11. TOXICOLOGICAL INFORMATION

According to its composition : May be considered as comparable to a similar product for which experimental results are:

Toxicological information:

Acute toxicity:

Ingestion:
• In animals: Slightly harmful by ingestion

Dermal:
• In animals: Slightly harmful in contact with skin

Local effects (Corrosion / Irritation / Serious eye damage):

Skin contact: Slightly irritating to skin.

Eye contact: Slightly irritating to eyes.

Respiratory or skin sensitization:

Inhalation: No data available.

Skin contact:
• In animals: Skin sensitizer (guinea pig)

CMR effects :

Mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Specific target organ toxicity :

Single exposure : No data available.

Repeated exposure: No data available.

Aspiration hazard: No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicology Assessment: There is no data available for this product.

Acute toxicity

Aquatic invertebrates:
Daphnia, no data available

Microorganisms: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential : No data available.

Mobility in soil : No data available.

Results of PBT and vPvB assessment :

According to REACH regulation, article 2(9), the substance does not require registration.

Therefore, this information is not required.

13. DISPOSAL CONSIDERATIONS

Waste treatment:

Disposal of product: Destroy the product by incineration (in accordance with local and national regulations).

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Safety data sheets: according to Regulation (EC) No. 1907/2006

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

Additional regulations (European Union) :

Hazardous Waste Regulations 2005 Applies

Young workers 94/33/EC

Banned and/or restricted

UK REGULATION

Chip3: Chemical (Hazard Information and Packaging for Supply) Regulations 2002

Chemical Safety Assessment:

A Chemical Safety Assessment is not required for this substance.

INVENTORIES:

EINECS: Conforms to
TSCA: Conforms to
AICS: Conforms to
DSL: All components of this product are on the Canadian DSL list.
ENCS (JP): Conforms to
KECI (KR): Conforms to
PICCS (PH): Conforms to
IECSC (CN): Conforms to

16. OTHER INFORMATION

Full text of R, H, EUH-phrases referred to under sections 2 and 3

R43 May cause sensitization by skin contact.
H317 May cause an allergic skin reaction.

Update:

Safety datasheet sections which have been updated:		Type:
2	Classification and labelling	Additions
8	Control parameters, Environmental exposure controls	Additions
9	9. PHYSICAL AND CHEMICAL PROPERTIES	Additions
11	11. TOXICOLOGICAL INFORMATION	Additions
12	12. ECOLOGICAL INFORMATION	Additions

Thesaurus:

NOAEL : No Observed Adverse Effect Level (NOAEL)

LOAEL : Lowest Observed Adverse Effect Level (LOAEL)

bw : Body weight

food : oral feed

dw : Dry weight

This information applies to the PRODUCT AS SUCH and conforming to specifications of ARKEMA. In case of formulations or mixtures, it is necessary to ascertain that a new danger will not appear. The information contained is based on our knowledge of the product, at the date of publishing and it is given quite sincerely. Users are advised of possible additional hazards when the product is used in applications for which it was not intended. This sheet shall only be used and reproduced for prevention and security purposes. The references to legislative, regulatory and codes of practice documents cannot be considered as exhaustive. It is the responsibility of the person receiving the product to refer to the totality of the official documents concerning the use, the possession and the handling of the product. It is also the responsibility of the handlers of the product to pass on to any subsequent persons who will come into contact with the product (usage, storage, cleaning of containers, other processes) the totality of the information contained within this safety data sheet and necessary for safety at work, the protection of health and the protection of environment.

NB: In this document the numerical separator of the thousands is the "." (point), the decimal separator is "," (comma).