INFORMATIONS CONCERNANT LE FOURNISSEUR DE LA FDS :

Préparation :

Code produit : 999 AAH
Désignation : Pâte isoflamme, boîte de 60 g
Utilisation : Heat transfer fluids

Identification de la Société :

Raison Sociale: Cookson-CLAL
Adresse siège social : 5 Chemin du Plateau 69570 Dardilly
Telephone: 0800 878 202
E-mail: qualite@cookson-clal.com

Numéro d'appel d'urgence :

N° ORFILA (INRS) : + 33 (0)1 45 42 59 59 - http://www.centres-antipoison.net
Ce numéro permet d'obtenir les coordonnées de tous les centres Antipoison Français.
Ces centres antipoison et de toxicovigilance fournissent une aide médicale gratuite (hors coût d'appel), 24 heures sur 24 et 7 jours sur 7.

SECTION 1: Identification of the substance / mixture and of the company / undertaking

1.1 Product identifier
Article FU46 / 15201 - ISOFLAM PASTE

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

1.3 Details of the supplier of the safety data sheet
Responsible for the PRODONT-HOLLIGER market introduction
Complete address: 3 La Marnasse 63880 OLLIERGUES (FRANCE)
EMAIL: prodont-holliger@acteongroup.com
1.4 Emergency telephone number
+33 04 73 95 56 42 (available from 8 a.m. to 5 p.m.)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Ordinance (EC) No. 1272/2008 [EU-GHS / CLP]
Aquatic Chronic 3; H412 - Hazardous in aquatic environments: Category 3; Harmful to aquatic life with long lasting effects.

2.2 Label elements
Labeling according to Regulation (EC) N ° 1272/2008 [CL P]
Instructions in case of danger
H412 Harmful to aquatic life with long lasting effects.
Safety tips
P273 Avoid release to the environment.
P501 Dispose of contents / container to ...
Special rules for additional label elements for certain mixtures
EUH210 Safety data sheet available on request.

2.3 Other dangers
Any

SECTION 3: Composition / information on ingredients

3.2 Mixtures
Hazardous components
ZINC OXIDE ; REACH registration number. : 01-2119463881-32-XXXX; EC number: 215-222-5;
CAS number: 1314-13-2
Weight: 0.5 - 1%
Classification 1272/2008 [CLP]: Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Various indications
R-, H- and EUH content: see paragraph 16.

SECTION 4: First aid

4.1 Description of first aid measures
General informations
If in doubt or if there are symptoms, seek medical advice.

In case of inhalation
Remove victim to fresh air, protect him with a blanket and keep him still.
In case of contact with the skin
After contact with the skin, wash immediately and abundantly with water and soap.
After contact with eyes
In case of contact with the eyes, rinse for a while with water, keeping the eyelid open and consult immediately an ophthalmologist.
In case of ingestion
Immediately rinse out your mouth and drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed
None known.
4.3 Indication of any immediate medical attention and special treatment needed
Any

SECTION 5: Firefighting measures
5.1 Extinguishing media
Suitable extinguishing media
Mousse. Extinguishing powder. Carbon dioxide (CO2). Sand. Nitrogen. Blanket to extinguish the fire
5.2 Special hazards arising from the substance or mixture
Any

5.3 Advice for firefighters
Wear self-contained breathing apparatus and chemical protective suit.

5.4 Miscellaneous indications
The product itself is not combustible. Adapt extinguishing measures to the surrounding environment

SECTION 6: Accidental release measures
6.1 Personal precautions, protective equipment and emergency procedures
Any

6.2 Environmental protection precautions
Do not allow access to the basement / ground. Do not allow it to run into drains or running water. Does not require any special preventive measures for the protection of the environment.

6.3 Methods and material for containment and cleaning up
Absorb mechanically and place in suitable containers for disposal. Treat the collected material according to the Disposal section.

6.4 Reference to other sections
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage
7.1 Precautions for safe handling
Keep the container tightly closed. Keep / Store only in the original container.

7.2 Conditions for safe storage, including any incompatibilities
Requests for storage areas and containers
Store in a cool, dry place.
Common storage information
Storage class (TRGS 510): 12

7.3 Specific end use (s)
Observe the technical specifications sheet. Observe the instructions for use.

SECTION 8: Exposure controls / personal protection
8.1 Control parameters
Any

8.2 Exposure controls
Individual protection
Eye / face protection
Wear protective goggles in case of splashing.
Appropriate eye protection
In case of splashing according to DIN EN 166

Skin protection
Hand protection
Wear protective gloves in case of long-term contact
Suitable glove model: EN 374.
Suitable material: CR (polychloroprene, chloroprene rubber). / NBR (Nitrile rubber).
Penetration time (maximum wearing time): 120 min. / 480 min.
Thickness of the glove material: 0.8 mm. /
Note: Duration of tensile strength

General protection and hygiene measures
At the workstation, do not eat, drink, smoke or take snuff. Avoid contact with skin, eyes and clothing.

8.3 Miscellaneous indications
No testing has been done. The selection for this preparation was made in good faith taking into account the information on the ingredients. The resistance of the material used for the gloves is not predictable, so a test must be done before use

SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties
Appearance: Paste
Color: light gray
Odor: characteristic
Security data
Solidification point: (1013 hPa) ca. 0 ° C
Boiling temperature / range
boiling point: (1013 hPa) negligible
Flash point: negligible
Minimum explosion threshold: negligible
Maximum explosion threshold: negligible
Vapor pressure: (50 ° C) negligible
Density: (20 ° C) ca. 1 g / cm3
PH value: not applicable
Maximum VOC content (DE): 0 Wt%
Maximum VOC content (Switzerland): 0 Wt%

9.2 Other information
Any

SECTION 10: Stability and reactivity
10.1 Reactivity
No available information.

10.2 Chemical stability
No available information.

10.3 Possibility of hazardous reactions
No available information.

10.4 Conditions to avoid
No available information.

10.5 Incompatible materials
No available information.

10.6 Hazardous decomposition products
No available information.

SECTION 11: Toxicological information
11.1 Information on toxicological effects
No available information.

11.2 Toxicokinetics, metabolism and distribution
no data provided for the preparation / the mixture.

11.3 Other harmful effects
None known.

11.4 Additional information
Uncontrolled preparation. The statement is deduced from the properties of the different components.

SECTION 12: Ecological information
12.1 Toxicity
Aquatic toxicity
Acute (short-term) toxicity to fish
Parameter: LC50 (ZINC OXIDE; CAS No .: 1314-13-2)
Species: Brachydanio rerio
Endpoints: Acute (short-term) toxicity to fish
Effective dose: 1.793 mg / l
Exposure time: 96 h
Chronic (long-term) toxicity to daphnia
Parameter: NOEC (ZINC OXIDE; CAS No .: 1314-13-2)
Species: Oncorhynchus mykiss (Rainbow trout)
Endpoints: Chronic (long-term) toxicity to fish
Effective dose: 199 µg / l
Exposure time: 30 d
Method: OECD 215
Parameter: NOEC (ZINC OXIDE; CAS No .: 1314-13-2)
Species: Daphnia magna (giant water flea)
Endpoints: Chronic (long term) toxicity to daphnia
Effective dose: 50 - 156 µg / l
Exposure time: 21 d
Method: OECD 211
Parameter: NOEC (ZINC OXIDE; CAS No .: 1314-13-2)
Species: Pseudokirchneriella subcapitata
Endpoints: Acute (short-term) toxicity to algae
Effective dose: 24 µg / l
Exposure time: 3 d
Method: OECD 201
Acute (short-term) toxicity to algae
Parameter: EC50 (ZINC OXIDE; CAS No .: 1314-13-2)
Species: Brachydanio rerio
Endpoints: Acute (short-term) toxicity to fish
Effective dose: 2.065 mg / l
Exposure time: 84 h
Parameter: EC50 (ZINC OXIDE; CAS No .: 1314-13-2)
Species: Daphnia magna (giant water flea)
Endpoints: Acute (short-term) toxicity to daphnia
Effective dose: 1.7 - 9 mg / l
Exposure time: 48 h
Method: OECD 202

Bacterial toxicity
Parameter: EC50 (ZINC OXIDE; CAS No .: 1314-13-2)
Species: Bacterial toxicity
Effective dose:> 1000 mg / l
Exposure time: 180 min
Parameter: EC10 (ZINC OXIDE; CAS No .: 1314-13-2)
Species: Bacterial toxicity
Effective dose: 720 mg / l
Exposure time: 180 min

12.2 Persistence and degradability
No available information.

12.3 Bioaccumulative potential
No indication of bioaccumulation potential.

12.4 Mobility in soil
No available information.

12.5 Results of PBT and vPvB assessment
This substance does not meet the PTB / vPvB criteria of the REACH annex XIII directive
12.6 Other adverse effects
No available information.
12.7 Other ecological information
Any

SECTION 13: Disposal considerations
The waste codes listed below are only indicative and are based on the intended use for this product. In case of special use and within the scope of the waste disposal possibilities on the part of the user, other waste codes may possibly be assigned to the products.
13.1 Waste treatment methods
Disposal of the product / packaging
Waste code / waste designations according to EAK / AVV code
Product waste code
12 01 99 wastes not otherwise specified.
Packaging waste code
15 01 02 - plastic packaging.

SECTION 14: Transport information
14.1 UN number
The product is not a hazardous product according to these transport regulations.

14.2 UN proper shipping name
The product is not a hazardous product according to these transport regulations.

14.3 Transport hazard class (es)
The product is not a hazardous product according to these transport regulations.

14.4 Packing group
The product is not a hazardous product according to these transport regulations.

14.5 Environmental hazards
The product is not a hazardous product according to these transport regulations.

14.6 Special precautions to be taken by the user
Any

SECTION 15: Regulatory information
15.1 Safety regulations / legislation specific for the substance or mixture, health and environment

National guidelines
AT: Labeling according to Austrian regulations (chemical law / chemV).
CH: Please note chemical law / ChemV and Chem RRV according to Swiss regulations.
Aquatic risk class (WGK)
Class: 1 (Presents a low danger for water) Classification according to VwVwS
Other information, restrictions and legal provisions
VbF class: -

15.2 Chemical safety assessment
For this material, no safety assessment has been done.

SECTION 16: Other information
16.1 Indication of changes
02. Labeling according to Regulation (EC) No. 1272/2008 [CLP]
03. Components
hazardous · 07. Information on common storage - Storage class

16.2 Abbreviations and acronyms
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
AOX: adsorbable organohalogens
CAS: Chemical Abstracts Service (division of the American Chemical Society)
CLP: Classification Labelling and Packaging (Regulation (EC) No. 1272/2008)
EAK / AVV: europäischer Abfallschlüsselkatalog (european waste catalogue)
EINECS: European Inventory of Existing Commercial Chemical Substances
GHS: Globally Harmonized System of Classifiaction and Labelling of Chemicals
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
RCP: reciprocal calculation procedure
RID: Règlement international concernant le transport des marchandieses dangereuses par chemin de fer (Regulations
Concerning the International Transport of Dangerous Goods by Rail)
TRGS: Technische Regel für den Umgang mit Gefahrstoffen
VbF: Verordnung über brennbare Flüssigkeiten
VOC: volatile organic compound
VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe
WGK: Wassergefährdungsklasse (water hazardous class)

16.3 Références littéraires et sources importantes des données
DGUV: GESTIS-Stoffdatenbank
ECHA: Classification And Labelling Inventory
ECHA: Pregistered Substances
ECHA: Registered Substances
EC Safety Data Sheet of Suppliers
ESIS: European Chemical Substances Information System
GDL: Gefahrstoffdatenbank der Länder
UBA Rigoletto: Wassergefährdende Stoffe

16.4 <> R-, H- and EUH content (Number and full text)
H400 Very toxic to aquatic organisms.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

16.5 <> Indication of professional internship
Any

16.6 <> Additional information
Any

The information in this Safety Data Sheet reflects our current knowledge at the time of printing. This information is intended to provide points of reference for safe handling of the product covered by this safety data sheet, in particular concerning its storage, use, transport and disposal. The indications are not applicable to other products. As the product is mixed or processed with other materials, this safety data sheet is not automatically valid for the material thus produced.