

Product: **Ekaland DOTU CR**

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SDS No.: 100012-100 (Version 1.1)

Date 20.01.2011 (*Cancel and replace* : 04.01.2011)

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

Substance name: Ekaland DOTU CR

REACH Registration Number: The transition time according to REACH Regulation, Article 23, is still not expired.

EC Nr: 205-309-6

CAS-No.: 137-97-3

Use of the Substance/Mixture

No data available.

Company/Undertaking Identification:

Supplier	MLPC International 209, avenue Charles Despiau F-40370 RION-LES-LANDES Tel. + 33 (0) 5 58 57 02 00 http://www.mlpc-intl.com fds@mlpc-intl.com
E-mail address	
Emergency telephone number	+ 33 (0) 5 58 57 02 00

2. HAZARDS IDENTIFICATION

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

Skin sensitization, 1, H317

Classification (Directive 67/548/EEC):

This substance is not classified as dangerous according to Directive 67/548/EEC.

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. : 137-97-3

Thiourea, N,N'-bis(2-methylphenyl)-

Hazard pictograms:



Signal word:

Warning

Hazard statements:

May cause an allergic skin reaction.

Precautionary statements:

Prevention:

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.

Disposal:

Dispose of contents/ container to an approved incineration plant.

Other:

Results of PBT and vPvB assessment : The transition time according to REACH Regulation, Article 23, is still not expired.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name of the substance¹: Ekaland DOTTU CR

Chemical Name ¹	EC-No.	CAS-No.	Concentration	Classification Directive 67/548/EEC	Classification Regulation (EC) No 1272/2008
Thiourea, N,N'-bis(2-methylphenyl)-	205-309-6	137-97-3	> 98 %	-	

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 (including shoes).

Inhalation:

Dust inhalation: Move to fresh air. In case of persistent problems : Consult a doctor quickly.

Skin contact:

Wash immediately during a long time with plenty of water. If significant contact: Consult a physician.

Eye contact:

Rinse immediately with plenty of water for at least 15 minutes. If irritation persists, consult an ophthalmologist.

Ingestion:

Consult a doctor quickly.

Protection of first-aiders:

In case of insufficient ventilation, wear suitable respiratory equipment.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Water spray, Foam, Dry powder

Unsuitable extinguishing media: All other extinguishants

Special hazards arising from the substance or mixture:

nitrogen oxides (NOx), Sulphur oxides

Advice for firefighters:

Specific methods:

Suppress gases, fumes and/or dust with water spray jet.

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:

Avoid contact with skin and eyes and inhalation of dust.

Environmental precautions:

Do not let product enter drains. Do not contaminate surface water.

Methods and materials for containment and cleaning up:

Methods for cleaning up:

Pick up and transfer to properly labelled containers.

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: Dust forming. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Provide showers, eye-baths.

Safe handling advice:

In case of dust formation, wear a dust mask.

Hygiene measures:

Follow general hygiene guidelines. Avoid crushing the product and the formation and spreading of dust in the air. Wash hands after handling. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities:

Store protected from moisture and heat.

Incompatible products:

Strong acids, Oxidizing agents

Packaging material:

Recommended: Paper bags

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

Exposure Limit Values Contains no substances with occupational exposure limit values.

Derived No Effect Level (DNEL): No data available.

Predicted No Effect Concentration: No data available.

EXPOSURE CONTROLS:

General protective measures: Ensure sufficient air exchange and/or exhaust in work areas

Personal protective equipment:

Respiratory protection:	Effective dust mask.
Hand protection:	Impervious gloves
Eye/face protection:	Safety glasses with side-shields
Skin and body protection:	Protective suit.

Environmental exposure controls: See chapter 6

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Physical state (20°C):	solid
Form:	powder
Colour:	white
Odour:	No data available.
Olfactory threshold:	No data available.
pH:	No data available.
Melting point/range :	>= 150 °C
Boiling point/boiling range:	No data available.
Flash point:	Not applicable
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Vapour pressure:	No data available.

Vapour density:	No data available.
Density:	1,12 g/cm ³
Bulk density:	400 kg/m ³ , at 20 °C
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	log Kow : = 4,31, Potential bioaccumulation (calculated)
Autoignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

10. STABILITY AND REACTIVITY

Reactivity & Chemical stability: No data available.

Conditions to avoid:
Store protected from moisture and heat.

Incompatible materials to avoid:
Strong acids, Oxidizing agents

Hazardous decomposition products:
Sulphur oxides, Nitrogenous derivatives

11. TOXICOLOGICAL INFORMATION

Toxicological information:

Acute toxicity:

Ingestion: **May be considered as comparable to a similar product for which experimental results are: Slightly harmful by ingestion**

1,3-DIPHENYL-2-THIOUREA :
• In animals: No mortality/rat: 2.000 mg/kg (Method: OECD Guideline 401)

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

Skin contact: **May be considered as comparable to a similar product for which experimental results are: Slightly irritating to skin.**

1,3-DIPHENYL-2-THIOUREA :
• In animals: Mild skin irritation (rabbit)

Eye contact: **May be considered as comparable to a similar product for which experimental results are: Slightly irritating to eyes**

1,3-DIPHENYL-2-THIOUREA :
• In animals: Mild eye irritation (rabbit)

Respiratory or skin sensitization:

Inhalation: No data available.

Skin contact: **May be considered as comparable to a similar product for which experimental results are: Skin sensitizer**

1,3-DIPHENYL-2-THIOUREA :
• In man : Some cases of cutaneous sensitization reported
• In animals: Sensitizing effects by skin contact.

CMR effects :

Mutagenicity: **May be considered as comparable to a similar product for which experimental results are:**

In vitro

1,3-DIPHENYL-2-THIOUREA :

Ames test: Inactive

Carcinogenicity:

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

1,3-DIPHENYL-2-THIOUREA :

• In animals:

Absence of carcinogenic effects (rat, 2 years, By oral route)50-100 mg/kg bw/j

Reproductive toxicity:

Foetal development:

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

1,3-DIPHENYL-2-THIOUREA :

• In animals:

Exposure during pregnancy: Absence of toxic effects for foetal development at non toxic maternal doses, NOAEL: 100 mg/kg (rat, By oral route)

Specific target organ toxicity :

Single exposure :

Inhalation:

**May be considered as comparable to a similar product for which experimental results are:
Possible irritation of respiratory system**

Repeated exposure:

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

1,3-DIPHENYL-2-THIOUREA :

• In animals:

By oral route: No adverse effects reported.
NOAEL= 100mg/kg bw/day (rat, Chronic)

Repeated exposure:

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard:

Not relevant

12. ECOLOGICAL INFORMATION

Ecotoxicology Assessment:

no data available

Acute toxicity

Microorganisms:

No data available.

Persistence and degradability:

No data available.

Bioaccumulative potential :

Partition coefficient: n-octanol/water: log Kow : = 4,31, Potential bioaccumulation (Method: calculated)

Mobility in soil :

No data available.

Results of PBT and vPvB assessment :

The transition time according to REACH Regulation, Article 23, is still not expired.

13. DISPOSAL CONSIDERATIONS

Waste treatment:

Disposal of product:

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

Disposal of packaging:

Destroy packaging by incineration at an approved waste disposal site (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

INVENTORIES:

EINECS:	Conforms to
TSCA:	Conforms to
AICS:	Conforms to
DSL:	This product contains one or several components listed in the Canadian NDSL list. All other components are on the DSL list.
ENCS (JP):	Conforms to
KECI (KR):	Conforms to
IECSC (CN):	Conforms to
NZIOC:	Conforms to

16. OTHER INFORMATION

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

H317 May cause an allergic skin reaction.

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).
