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## Stella Light N-Paraffin

Version: 6.00

Revision Date 28 08 2014

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name Stella Light N-Paraffin

REACH No. 01-2119487513-33-0003

Substance name (REACH / CLP) Hydrocarbons, C14-C17, n-alkanes, <2% aromatics

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

**Use** Solvent

As fuel in oil Candels

Uses advised against

1.3 Details of the supplier of the safety data sheet

Company API-X A/S

Ryttervangen 13 7323 Give Denmark

Information (Product safety):

E-mail: <a href="mailto:info@apicconsumer.dk">info@apicconsumer.dk</a>

1.4 Emergency telephone number

Em ergency telephone number +(45) 82 12 12 12

## **SECTION 2: HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Aspiration hazard Category 1 May be fatal if sw allow ed and enters airw ays.

Classification (67/548/EEC, 1999/45/EC)

Harmful Harmful: may cause lung damage if sw allow ed.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

**Hazard pictograms** 



Signal w ord Danger

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## Stella Light N-Paraffin

Version: 6.00

## Revision Date 28.08.2014

**Hazard statements** 

H304 May be fatal if sw allow ed and enters airw ays.

**Precautionary statements** 

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

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents/ container to an approved w aste disposal plant.

**Supplemental Hazard Statements** EUH066

UH066 Repeated exposure may cause skin dryness or cracking.

### 2.3 Other hazards

No hazards to be specially mentioned.

## **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

This product is a substance in the meaning of regulation (EC) 1907/2006.

## COMPONENTS TO BE NAM ED IN ACCORDANCE WITH REGULATION (EC) 1907/2006 AS WELL AS OTHER HAZARDOUS INGREDIENTS AND CONTAINED SUBSTANCES WITH WORK PLACE LIMIT VALUES

Hydrocarbons, C14-C17, n-alkanes, <2% arom atics

com ponent type: Active ingredient

**EC-No.**: 917-828-1 **Index-No.**: **CAS-No.**:

**REACH No.**: 01-2119487513-33-0003

Substance name (REACH / CLP): Hydrocarbons, C14-C17, n-alkanes, <2% aromatics Classification (Directive Xn R65; 67/548/EEC): R66;

Classification (Regulation Asp. Tox. 1 H304

(EC) No 1272/2008):

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

Other data Synonyms: Paraffins (petroleum), normal C5-20, CAS Nr. 64771-72-8

## **SECTION 4: FIRST AID MEASURES**

## 4.1 Description of first aid measures

General advice Take off all contaminated clothing immediately. If you feel unw ell, seek medical

advice (show the label w here possible).

If inhaled In the case of inhalation of aerosol/mist consult a physician if necessary. Consult a

physician after significant exposure.

In case of skin contact

Take off all contaminated clothing immediately. Wash off immediately w ith soap



Version: 6.00

## Revision Date 28.08.2014



and plenty of w ater. If skin irritation persists, call a physician.

In case of eye contact

Rinse thoroughly with plenty of w aterfor at least 15 minutes and consult a

physician. If eye irritation persists, consult a specialist.

If sw allowed Do NOT induce vomiting. Keep respiratory tract clear. Call a physician

immediately.

4.2 Most important symptoms and effects, both acute and delayed

Most important symptoms and effects, both acute and delayed

Risks: Risk of product entering the lungs on vomiting after ingestion.

4.3 Indication of any immediate medical attention and special treatment needed

Indication of any im mediate medical attention and special treatment needed

Treatment: Call a physician immediately.

## **SECTION 5: FIREFIGHTING MEASURES**

5.1 Extinguishing media

Suitable extinguishing media Water mist, Carbon dioxide (CO2), Foam, Dry chemical, Keep containers and

surroundings cool w ith w ater spray.

5.2 Special hazards arising from the substance or mixture

Specific hazards during

firefighting

In case of fire hazardous decomposition products may be produced such as:

Carbon dioxide (CO2) Carbon monoxide

5.3 Advice for firefighters

Special protective equipment

for firefighters

Wear self -contained breathing apparatus and protective suit.

**Further information** Use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

## 6.1 Personal precautions, protective equipment and emergencyprocedures

Personal precautions Use personal protective equipment.

**Special precautions** Forms slippery/greasy layers w ith w ater.

6.2 Environmental precautions

**Environm ental precautions** If the product contaminates rivers and lakes or drains informrespective

authorities. Avoid subsoil penetration. Do not flush into surface water or sanitary

sew er system.

## 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up Contain spillage, and then collect with non-combustible absorbent material, (e.g.

sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). After cleaning, flush away

traces with water.

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## Stella Light N-Paraffin

Version: 6.00

## Revision Date 28.08.2014

## 6.4 Reference to other sections

For personal protection see section 8.

## **SECTION 7: HANDLING AND STORAGE**

7.1 Precautions for safe handling

**Advice on safe handling** Avoid inhalation, ingestion and contact with skin and eyes.

Do not breathe vapours or spray mist.

Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against

fire and explosion

Normal measures for preventive fire protection.

Keep aw ay fromcombustible material.

Take precautionary measures against static discharges.

No smoking.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas No special storage conditions required. Keep in a well-ventilated place.

and containers

Storage class (TRGS 510) 10: Combustible liquids not in Storage Class 3

Other data Protect fromfrost, heat and sunlight.

container material suitable materials: Stainless steel

7.3 Specific enduse(s)

**Specific use(s)** This information is not available.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

## 8.1 Control parameters

## COMPONENTS WITH WORKPLACE CONTROL PARAMETERS NATIONAL OCCUPATIONAL EXPOSURE LIMITS

No data available

## **EUROPEAN OCCUPATIONAL EXPOSURE LIMITS**

No data available

## **DERIVED NO EFFECT LEVEL (DNEL)**

Substance name: Hydrocarbons, C14-C17, n-alkanes, <2% arom atics				
End Use	Exposure routes	Value	Note	
Workers	dermal, Acute/short-termexposure - systemic effects		Not relevant / not applicable	
	Inhalation, Acute/short-termexposure - systemic effects		Not relevant / not applicable	
	dermal, Acute/short-termexposure - local		Not relevant / not applicable	

## Stella Light N-Paraffin

Version: 6.00





	effects	
	Inhalation, Acute/short-termexposure - local effects	Not relevant / not applicable
	dermal, long-term exposure - systemic effects	Not relevant / not applicable
	Inhalation, long-term exposure - systemic effects	Not relevant / not applicable
	dermal, long-term exposure - local effects	Not relevant / not applicable
	Inhalation, long-term exposure - local effects	Not relevant / not applicable
Consumers	dermal, Acute/short-termexposure - systemic effects	Not relevant / not applicable
	Inhalation, Acute/short-termexposure - systemic effects	Not relevant / not applicable
	Oral, Acute/short-termexposure - systemic effects	Not relevant / not applicable
	dermal, Acute/short-termexposure - local effects	Not relevant / not applicable
	Inhalation, Acute/short-termexposure - local effects	Not relevant / not applicable
	dermal, long-term exposure - systemic effects	Not relevant / not applicable
	Inhalation, long-term exposure - systemic effects	Not relevant / not applicable
	Oral, long-term exposure - systemic effects	Not relevant / not applicable
	dermal, long-term exposure - local effects	Not relevant / not applicable
	Inhalation, long-term exposure - local effects	Not relevant / not applicable

## PREDICTED NO EFFECT CONCENTRATION (PNEC)

Environm ental Compartment V	lue Note	
Fresh w ater	Not relevant / not applicable	
Marine w ater	Not relevant / not applicable	
intermittent release	Not relevant / not applicable	
treatment plant	Not relevant / not applicable	
Fresh w ater sediment	Not relevant / not applicable	
Marine sediment	Not relevant / not applicable	
Soil	Not relevant / not applicable	
food	Not relevant / not applicable	

## 8.2 Exposure controls

## PERSONAL PROTECTIVE EQUIPMENT

**Respiratory protection** Breathing apparatus w ith filter.

## Stella Light N-Paraffin

Version: 6.00



## Revision Date 28.08.2014

Hand protection The choice of an appropriate glove does not only depend on its material but also

on other quality features and is different fromone producer to the other., Please observe the instructions regarding permeability and breakthrough time w hich are provided by the supplier of the gloves. Also take into consideration the specific local conditions under w hich the product is used, such as the danger of cuts, abrasion, and the contact time., Be aw are that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature).

## gloves suitable for permanent contact:

Material: Fluorinated rubber Break through time: >= 480 min Material thickness: 0.4 mm

## gloves suitable for splash protection:

Material: Nitrile rubber/nitrile latex Break through time: >= 240 min Material thickness: 0.35 mm

## unsuitable gloves

Material: Natural rubber/natural latex, Polychloroprene, butyl-rubber,

Polyvinylchloride

**Eye protection** Safety glasses, Face-shield

**Skin and body protection** Protective suit, Complete suit protecting against chemicals

**Hygiene m easures** General industrial hygiene practice.

 $\begin{tabular}{ll} \textbf{Protective measures} & A void contact with eyes. We ar suitable gloves and eye/face protection. \end{tabular}$ 

## **ENVIRONMENTAL EXPOSURE CONTROLS**

**General advice** If the product contaminates rivers and lakes or drains informrespective authorities.

**Soil** Avoid subsoil penetration.

Water Do not flush into surface water or sanitary sewer system.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

## 9.1 Information on basic physical and chemical properties

Physical state liquid
Form Liquid

Colourclear, colourlessOdourslight, characteristicOdour ThresholdNo data available

**pH** not applicable

**pour point** 9 °C; 1,013 hPa; ASTM D 97-08

**Boiling point/boiling range** 268.3 - 282.5 °C; 1,013 hPa; ASTM E 537-07

Flash point 113 °C; 1,013 hPa; ASTM D 93-07

**Evaporation rate** No data available



## Stella Light N-Paraffin

Version: 6.00

### Revision Date 28 08 2014

Flam m ability (solid, gas) not applicable (liquid)

Vapour pressure < 5 hPa; 20 °C; NF T 20-048

Relative vapour density

Density

0.7688 g/cm3; 20 °C

Relative density

No data available

No data available

not determined

Solubility in other solvents Medium: Hexane; 20 °C; soluble Water solubility < 1.2 g/l; 20 °C; 1,013 hPa

Partition coefficient: n-

octanol/water

POW: 9.25; 25 °C; OECD Test Guideline 117

Explosive properties not expected based on structure and functional groups

Oxidizing properties not expected based on structure and functional groups

9.2 Other data

None know n.

## **SECTION 10: STABILITY AND REACTIVITY**

10.1 Reactivity

**Note** No decomposition if stored and applied as directed.

10.2 Chemical stability

Note Stable

10.3 Possibility of hazardous reactions

**Hazardous reactions** None know n.

10.4 Conditions to avoid

Conditions to avoid Heat, flames and sparks.

10.5 Incompatible materials to avoid

Materials to avoid Strong oxidizing agents;

10.6 Hazardous decomposition products

Hazardous decomposition

products

No decomposition if stored normally.

**Thermal decomposition** No decomposition if used as directed.

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## Stella Light N-Paraffin

Version: 6.00

Revision Date 28.08.2014

## **SECTION 11: TOXICOLOGICAL INFORMATION**

## 11.1 Information on toxicological effects

**Acute toxicity** 

**Acute oral toxicity** Hydrocarbons, C14-C17,n-alkanes, <2% aromatics:

LD50 rat: > 2,000 mg/kg; OECD Test Guideline 401

(literature value) Category approach

Based on available data, the classification criteria are not met.

Acute inhalation toxicity Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

LC50 rat: > 5 mg/l; 4 h; OECD Test Guideline 403

Test atmosphere: dust/mist Category approach (literature value)

Based on available data, the classification criteria are not met.

**Acute dermal toxicity** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

LD50 rat: > 2,000 mg/kg; OECD Test Guideline 402

(literature value) Category approach

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

**Skin irritation** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

rabbit: slightly irritating; OECD Test Guideline 404

(literature value) Category approach

Based on available data, the classification criteria are not met.

Hum an experience -Skin

contact

 $Hydrocarbons, C14\text{-}C17, n\text{-}alkanes, <2\% \, aromatics:$ 

not irritating not sensitizing Category approach

Serious eye damage/eye irritation

**Eye irritation** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

rabbit: slightly irritating; OECD Test Guideline 405

(literature value) Category approach

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

**Sensitisation** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

Maximisation Test (GPMT) guinea pig: not sensitizing; OECD Test Guideline 406

(literature value) Category approach

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

**Genotoxicity in vitro** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

In vitro tests did not show mutagenic effects

Category approach

**Genotoxicity in vivo** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

In vivo tests did not show mutagenic effects

Category approach

**Rem arks** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

Based on available data, the classification criteria are not met.

Carcinogenicity

## Stella Light N-Paraffin

Version: 6.00

## Revision Date 28 08 2014



Hydrocarbons, C14-C17, n-alkanes, <2% aromatics: Carcinogenicity

The substance has been shown to be not genotoxic, therefore it is not expected to

have a carcinogenic potential.

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics: Rem arks

Based on available data, the classification criteria are not met.

Reproductive toxicity

Hvdrocarbons, C14-C17, n-alkanes, <2% aromatics: Reproductive toxicity

rat; Oral; 90-day

NOAEL ((parents)): 3,000 mg/kg (based on body w eight and day); OECD Test

Guideline 415 (literature value)

Fertility and developmental toxicity tests did not reveal any effect on reproduction. The data are derived from the evaluations or test results achieved w ith similar

products (conclusion by analogy).
Test substance: JP-8 Fuel (C9-C16 Aliphatics, 25% aromatics)

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics: Two-generation reproductive toxicity; OECD Test Guideline 416

Testing proposal

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

; OECD Test Guideline 422

Testing proposal

Teratogenicity Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

rat: Oral

NOAEL: 1,000 mg/kg (based on body w eight and day)

NOAEL (dam): 1,000 mg/kg (based on body w eight and day); OECD Test

Guideline 414 (literature value)

Rem arks-Teratogenicity Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

Based on available data, the classification criteria are not met.

STOT - single exposure

Rem arks Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

The substance or mixture is not classified as specific target organ toxicant, single

exposure.

STOT - repeated exposure

Rem arks Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

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

repeated exposure.

Repeated dose toxicity Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

rat; Oral; Subchronic toxicity

NOAEL: 5,000 mg/kg (based on body w eight and day); OECD Test Guideline 408

Category approach

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics: rat; Inhalation; Subchronic toxicity; NOAEC: > 10.4 mg/l Test atmosphere: vapour; OECD Test Guideline 413

Category approach

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

rat; Dermal; Subchronic toxicity

NOAEL: 495 mg/kg (based on body w eight and day); OECD Test Guideline 411

Category approach

**Aspiration hazard** 

**Aspiration toxicity** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

May be fatal if sw allowed and enters airways.

## Stella Light N-Paraffin

Version: 6.00

## Revision Date 28.08.2014

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**Hum an experience** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

Repeated exposure may cause skin dryness or cracking.

No skin irritation

Until now, sensitisation has not occurred during handling.

**Toxicological information** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

The substance is predicted to be bioavailable via the oral route.

The substance is poorly absorbed via skin. extensive and rapid metabolisation

The substance is rapidly eliminated from the body.

Category approach (literature value)

## **SECTION 12: ECOLOGICAL INFORMATION**

12.1 Toxicity

**Toxicity to fish** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

LL50 (96 h) Scophthalmus maximus: > 100 mg/l; static test

(literature value)

Toxicity to fish - Chronic

toxicity

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

NOEL (28 d) Oncorhynchus mykiss (rainbow trout): > 1,000 mg/l; Grow th rate;

QSAR

(literature value)

Toxicity to daphnia and other

aquatic invertebrates

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics: LL50 (48 h) other aquatic arthropod: > 100 mg/l

(literature value)

Toxicity to daphnia and other

aquatic invertebrates - Chronic

toxicity

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

NOEL (21 d) Daphnia magna (Water flea): > 1,000 mg/l; reproduction rate; QSAR;

(literature value)

**Toxicity to aquatic plants** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

EL50 (72 h) Skeletonema costatum: > 100 mg/l; ; (literature value)

**Toxicity to bacteria** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

EC50 (3 h) activated sludge of a predominantly domestic sew age: > 100 mg/l;

OECD Test Guideline 209

(literature value)

Toxicity to soil dwelling

organisms

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

The study is not necessary.

Justification:

Substance is a UVCB. Standard tests for this endpoint are intended for single

substances and are not appropriate for this complex substance.

Toxicity to terrestrial flora

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

The study is not necessary.

Justification:

 $Substance is a \ UVCB. \ Standard \ tests for this \ endpoint \ are \ intended \ for \ single$ 

substances and are not appropriate for this complex substance.

Toxicity for other terrestrial non-m ammalian fauna

Hydrocarbons, C14-C17, n-alkanes, <2% aromatics: Reproduction Test; NOEL: 10000 mg/kg food; 26 Weeks; Anas platyrhynchos

(Mallard duck) (literature value)

The data are derived from the evaluations or test results achieved with similar

products (conclusion by analogy). Test substance: Paraffin mixture

12.2 Persistence and degradability

**Biodegradability** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

Readily biodegradable.; > 60 %; 28 d; aerobic; OECD Test Guideline 306

## hring products and customers together ...

## Stella Light N-Paraffin

Version: 6.00

## Revision Date 28.08.2014

(literature value)

12.3 Bioaccumulative potential

**Bioaccum ulation** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

Bioaccumulation is unlikely. Category approach (literature value)

12.4 Mobility insoil

**Mobility** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

Substance is a UVCB. Standard tests for this endpoint are intended for single

substances and are not appropriate for this complex substance.

12.5 Results of PBT and vPvB assessment

**Results of PBT assessment** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

Category approach

Based on available data, the classification criteria are not met.

12.6 Other adverse effects

**General advice** Hydrocarbons, C14-C17, n-alkanes, <2% aromatics:

None know n.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

13.1 Waste treatment methods

**Product** Can be incinerated, when in compliance with local regulations.

**Contam inated packaging** Empty remaining contents.

waste code of the European

Union: EWC

A w aste code in accordancewith the European Waste Catalogue (EWC) may not be assigned to this product since it admits of a classification only w hen the consumer uses it for some purpose. The w aste code must be determined in agreement w ith the regional w aste disposal authority or company.

## **SECTION 14: TRANSPORT INFORMATION**

14.1 UN num ber

ADR Not dangerous goods
RID Not dangerous goods
ADN Not dangerous goods
IMDG Not dangerous goods
ICAO/IATA Not dangerous goods

14.2 Propershipping name

ADR Not dangerous goods
RID Not dangerous goods
ADN Not dangerous goods
IMDG Not dangerous goods
ICAO/IATA Not dangerous goods



## Stella Light N-Paraffin

Version: 6.00

## Revision Date 28.08.2014

## 14.3 Transport hazard class

ADR Not dangerous goods
RID Not dangerous goods
ADN Not dangerous goods
IMDG Not dangerous goods
ICAO/IATA Not dangerous goods

## 14.4 Packing group

ADR Not dangerous goods
RID Not dangerous goods
ADN Not dangerous goods
IMDG Not dangerous goods
ICAO/IATA Not dangerous goods

## 14.5 Environmental hazards

ADR Environmentally hazardous no RID Environmentally hazardous no ADN Environmentally hazardous no IMDG Marine pollutant no ICAO/IATA Environmentally hazardous no

## 14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

## 14.7 Transport in bulk according to AnnexII of MARPOL 73/78 and the IBC Code

Remarks No information available.

## **SECTION 15: REGULATORY INFORMATION**

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

Occupational restrictions Employment restrictions for children and young w orkers in accordance with Directive 94/33/EC and the respective national provisions are to be observed.

## **NATIONAL/OTHER REGULATIONS**

Directive 96/82/EC on the control of m ajor-accident hazards involving dangerous substances

list entry in the directive: Directive 96/82/EC does not apply

## Stella Light N-Paraffin

Version: 6.00





NOTIFICATION STATUS		
US. Toxic Substances Control Act	TSCA	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL)	DSL	y (positive listing)
Australia. Industrial Chemical (Notification and Assessment) Act	AICS	y (positive listing)
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	NZIOC	y (positive listing)
Japan. Kashin-Hou Law List	ENCS (JP)	n (Negative listing)
Japan. Industrial Safety & Health Law (ISHL) List	ISHL (JP)	n (Negative listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	PICCS (PH)	y (positive listing)
China. Inventory of Existing Chemical Substances	INV (CN)	y (positive listing)
Sw itzerland. Consolidated Inventory	CH INV	n (Negative listing)

Please note: the names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in chapter 3.

## 15.2 Chemical Safety Assessment

## Hydrocarbons, C14-C17, n-alkanes, <2% arom atics

A Chemical Safety Assessment has been carried out for this substance.

## **SECTION 16: OTHER INFORMATION**

## Text of R-phrases m entioned in Section 3

R65 Harmful: may cause lung damage if swallow ed.

Repeated exposure may cause skin dryness or cracking.

## Full text of H-Statements referred to under sections 2 and 3.

H304 May be fatal if swallowed and enters airw ays.

## Safety datasheet sections which have been updated:

- 2. Hazards identification
- 4. First aid measures
- 6. Accidental release measures
- 7. Handling and storage
- 9. Physical and chemical properties
- 10. Stability and reactivity

## **Further information:**

The information provided in this Safety Data Sheet is correct to the best of our know ledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a w arranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



Version: 6.00



## Revision Date 28 08 2014

This safety datasheet only contains information relating to safety and does not replace any product information or product specification. New findings, especially with regard to toxicology and ecology, in future may require different labelling.

## Key or legend to abbreviations and acronyms used in the safety data sheet

ADN Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

Accord européen relatif au transport international des marchandises Dangereuses par Route

ADR AICS Australian Inventory of Chemical Substances ANSI American National Standards Institute American Society of Testing and Materials (US) ASTM

BCF Bioconcentration factor

CLP Regulation on Classification, Labelling and Packaging of Substances and Mixtures

DIN Deutsches Institut für Normung DNEI Derived No-Effect Level DSL Domestic Substances List EC. Effect concentration ... %

ENCS Existing Notified Chemical Substances (Japan)

EWC European Waste Catalogue IATA International Air Transport Association Intermediate Bulk Container IBC ICAO

International Civil Aviation Organization IMDG International Maritime Dangerous Goods IMO International Maritime Organization ISHL Industrial Safety and Health Law(Japan) International Organization for Standardization ISO ILIAPC International Union of Pure and Applied Chemistry

KECI Korea Existing Chemicals Inventory LC... Lethal Concentration, ...%

Lethal Dose, ...% LD...

MARPOL International Convention for the Prevention of Pollution From Ships

NDSL Non-Domestic Substances List NOAEL no observable adverse effect level NOEL/NOEC No Observed-effect level/concentration NZIoC New Zealand Inventory of Chemicals

OECD Organisation for Economic Co-operation and Development

PRT persistent, bioaccumulative, toxic

Philippine Inventory of Chemicals and Chemical Substances Predicted No-Effect Concentration PICCS

PNEC

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Règlement concernant le transport international ferroviaire de marchandises dangereuses

TG Test Guideline

**TRGS** Technische Regeln für Gefahrstoffe **TSCA** Toxic Substances Control Act vPvB very persistent, very bioaccumulative WGK sergefährdungsklasse

## **Annex**

Attachments to the safetydata sheet and/or lists of the identified uses for the listed substancescan be downloaded using the internet links below.

Hydrocarbons, C14-C17, n-alkanes, <2% arom atics

http://w w w.sasolgermany.de/fileadmin/doc/productsafety/Annex/00000016567\_EN\_01.pdf