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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Trade name	PARAFOL 12-97
INCI	Dodecane
REACH No.	01-2119486573-28-0001
Substance name (REACH / CLP)	dodecane

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

Use	industrial use raw material for cosmetic agents heat transfer medium
Uses advised against	

1.3 Details of the supplier of the safety data sheet

Company	SASOL Germany GmbH Anckelmannsplatz 1 20537 Hamburg Telephone: +49 40 63684-1000 Telefax: +49 40 63684-3700
Information (Product safety):	Telephone: + 49 (0) 23 65 - 49 47 05 Telefax: + 49 (0) 23 65 - 49 92 40
E-mail:	msds-info.germany@de.sasol.com

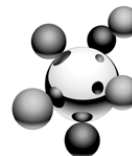
1.4 Emergency telephone number

Emergency telephone number	+ 49 (0) 5 51 - 1 92 40 (GIZ-Nord Poisons Centre)
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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 swallowed and enters airways.

Classification (67/548/EEC, 1999/45/EC)Harmful Harmful: may cause lung damage if swallowed.
Repeated exposure may cause skin dryness or cracking.**2.2 Label elements****Labelling (REGULATION (EC) No 1272/2008)****Hazard pictograms**



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Signal word	Danger
Hazard statements H304	May be fatal if swallowed and enters airways.
Precautionary statements P301 + P310 P331 P405 P501	IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Do NOT induce vomiting. Store locked up. Dispose of contents/ container to an approved waste disposal plant.
Supplemental Hazard Statements EUH066	Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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

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

Dodecane

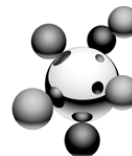
EC-No.: 203-967-9	Index-No.:	component type: Active ingredient
REACH No.: 01-2119486573-28-0001		CAS-No.: 112-40-3
Substance name (REACH / CLP): Dodecane		
Classification (Directive 67/548/EEC):	Xn	R65; R66
Classification (Regulation (EC) No 1272/2008):	Asp. Tox. 1	H304

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.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice	Take off all contaminated clothing immediately. If you feel unwell, seek medical advice (show the label where possible).
If inhaled	Remove from exposure, lie down. If breathing is irregular or stopped, administer artificial respiration. Monitor breathing, give oxygen if necessary. Consult a physician.
In case of skin contact	Wash off with plenty of water.

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In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	If swallowed, seek medical advice immediately and show this container or label. If swallowed, DO NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Most important symptoms and effects, both acute and delayed	Symptoms: No information available. Risks: No information available.
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4.3 Indication of any immediate medical attention and special treatment needed

Indication of any immediate medical attention and special treatment needed	Treatment: Do not induce vomiting: contains petroleum distillates and/or aromatic solvents.
---	---

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Water spray, Dry powder, Foam, Carbon dioxide (CO2)
-------------------------------------	---

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting	Dangerous gases or fumes may occur in case of fire.
---	---

5.3 Advice for firefighters

Special protective equipment for firefighters	Wear self contained breathing apparatus for fire fighting if necessary.
Further information	Standard procedure for chemical fires. Use water spray to cool unopened containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment.
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6.2 Environmental precautions

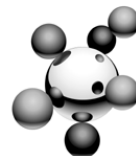
Environmental precautions	Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.
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6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
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6.4 Reference to other sections

For personal protection see section 8.



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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling	Wear personal protective equipment. Avoid contact with skin and eyes.
Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition. Normal measures for preventive fire protection.
Fire-fighting class	B: Fires involving liquids or liquid containing substances. Also includes substances which become liquid at elevated temperatures.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	Store in original container. Keep container tightly closed.
Storage class (TRGS 510)	10: Combustible liquids not in Storage Class 3
Other data	Stable at normal ambient temperature and pressure.
container material	suitable materials: Steel

7.3 Specific end use(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

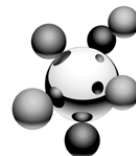
EUROPEAN OCCUPATIONAL EXPOSURE LIMITS

no data available

DERIVED NO EFFECT LEVEL (DNEL)

Dodecane

End Use	Exposure routes	Value	Note
Workers	dermal, Acute/short-term exposure - systemic effects		Not relevant / not applicable
Workers	Inhalation, Acute/short-term exposure - systemic effects		Not relevant / not applicable
Workers	dermal, Acute/short-term exposure - local effects		Not relevant / not applicable
Workers	Inhalation, Acute/short-term exposure - local effects		Not relevant / not applicable
Workers	dermal, long-term exposure - systemic effects		Not relevant / not applicable
Workers	Inhalation, long-term exposure - systemic effects		Not relevant / not applicable



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

PREDICTED NO EFFECT CONCENTRATION (PNEC)

Dodecane

Environmental Compartment	Value	Note
Fresh water		Not relevant / not applicable
Marine water		Not relevant / not applicable
intermittent release		Not relevant / not applicable
treatment plant		Not relevant / not applicable
Fresh water 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

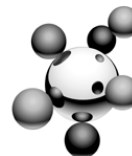
PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection

No personal respiratory protective equipment normally required. In inadequately ventilated areas, where workplace limits are exceeded, where unpleasant odours exist or where aerosols are in use, or smoke and mist occur, use self-contained breathing apparatus or breathing apparatus with a type A filter or appropriate combined filter (e.g. where aerosols are in use, or smoke and mist occur, A-P2 or ABEK-P2), in compliance with EN 141.

Hand protection

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other., Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time., Be aware that in daily use the durability of a



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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: \geq 480 min
Material thickness: 0.4 mm

Material: Nitrile rubber/nitrile latex
Break through time: \geq 480 min
Material thickness: 0.35 mm

gloves suitable for splash protection:

Material: Polychloroprene
Break through time: \geq 120 min
Material thickness: 0.5 mm

unsuitable gloves

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

Eye protection

Tightly fitting safety goggles

Protective measures

Avoid contact with eyes. Wear suitable gloves and eye/face protection.

ENVIRONMENTAL EXPOSURE CONTROLS

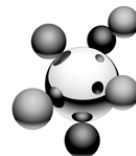
General advice

Avoid subsoil penetration.
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; 20 °C; 1,013 hPa
Form	Liquid
Colour	colourless
Odour	hydrocarbon-like
Odour Threshold	no data available
pH	not applicable
Melting point/range	-10 °C; 1,023 hPa; ASTM D 97-66
Boiling point/boiling range	ca. 212 °C; 1,013 hPa; ASTM D 1020-94
Flash point	71 °C; ASTM D3278
Evaporation rate	no data available
Flammability (solid, gas)	not applicable (liquid)
Lower explosion limit	0.6 %(V)
Upper explosion limit	no data available
Vapour pressure	10 Pa; 20 °C; NF T 20-048

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	104 hPa; 50 °C; NF T 20-048
Relative vapour density	no data available
Density	0.75 g/cm ³ ; 20 °C
Relative density	ca.0.75; 20 °C; ASTM D 7042-04
Water solubility	insoluble
Partition coefficient: n-octanol/water	log Pow: ca. 7.8; OECD Test Guideline 107
Ignition temperature	ca. 208 °C; 1,013 hPa; DIN 51794
Auto-ignition temperature	no data available
Viscosity, kinematic	2 mm ² /s; 20 °C 1.5 mm ² /s; 40 °C
Explosive properties	not expected based on structure and functional groups
Oxidizing properties	not expected based on structure and functional groups

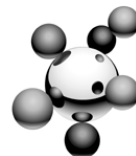
9.2 Other data

None known.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity**Note** Stable under recommended storage conditions.**10.2 Chemical stability****Note** Stable under normal conditions.**10.3 Possibility of hazardous reactions****Hazardous reactions** Heating can release hazardous gases.
Vapours may form explosive mixture with air.**10.4 Conditions to avoid****Conditions to avoid** Direct heating, dirt, chemical contamination, sunlight, UV or ionising radiation.**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.**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1 Information on toxicological effects**Acute toxicity**

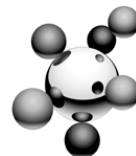
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Acute oral toxicity	Dodecane: LD50 Oral rat: > 5,000 mg/kg; OECD Test Guideline 401 (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Hydrocarbons, C9-C11, cyclics, < 2% aromatics Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Dodecane: LC50 rat: > 5 mg/l; 8 h; OECD Test Guideline 403 Test atmosphere: vapour (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Hydrocarbons, C9-C11, isoalkanes, <2% aromatics Based on available data, the classification criteria are not met.
Acute dermal toxicity	Dodecane: LD50 Dermal rat: > 5,000 mg/kg; OECD Test Guideline 402 (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Hydrocarbons, C11-C14, isoalkanes, cyclics, < 2% aromatics Based on available data, the classification criteria are not met.
Skin corrosion/irritation	
Skin irritation	Dodecane: rabbit: not irritating; OECD Test Guideline 404 (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Hydrocarbons, C10-C12, isoalkanes, <2% aromatics Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	
Eye irritation	Dodecane: rabbit: not irritating; OECD Test Guideline 405 (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Hydrocarbons, C9-C11, cyclics, < 2% aromatics Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	
Sensitisation	Dodecane: Maximisation Test guinea pig: not sensitizing; OECD Test Guideline 406 (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Hydrocarbons, C10-C12, isoalkanes, <2% aromatics Based on available data, the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity in vitro	Dodecane: In vitro tests did not show mutagenic effects Category approach
Genotoxicity in vivo	Dodecane: In vivo tests did not show mutagenic effects Category approach
Remarks	Dodecane: Based on available data, the classification criteria are not met.

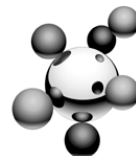
Carcinogenicity

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Carcinogenicity	Dodecane: rat; Inhalation; Subchronic toxicity; OECD Test Guideline 453 Animal testing did not show any carcinogenic effects. Category approach (literature value)
Remarks	Dodecane: Based on available data, the classification criteria are not met.
Reproductive toxicity	
Reproductive toxicity	Dodecane: rat; Oral NOAEL ((parents)): 1,000 mg/kg NOAEL (F1): 1,000 mg/kg; OECD Test Guideline 422 Fertility and developmental toxicity tests did not reveal any effect on reproduction. The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: decane Dodecane: Two-generation reproductive toxicity; OECD Test Guideline 416 Testing proposal
Teratogenicity	Dodecane: rat; Inhalation NOAEL: 5.22 mg/l NOAEL (dam): 5.22 mg/l; OECD Test Guideline 414 (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 with similar products (conclusion by analogy). Test substance: Hydrocarbons, C10-C12, isoalkanes, <2% aromatics
STOT - single exposure	
Remarks	Dodecane: The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT - repeated exposure	
Remarks	Dodecane: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Repeated dose toxicity	Dodecane: rat; Oral; Subchronic toxicity NOAEL: > 5,000 mg/kg; OECD Test Guideline 408 (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Dodecane: rat; Inhalation; Subchronic toxicity; NOAEC: 10.4 mg/l Test atmosphere: vapour; OECD Test Guideline 413 (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Hydrocarbons, C10-C12, isoalkanes, <2% aromatics
Aspiration hazard	
Aspiration toxicity	Dodecane: May be fatal if swallowed and enters airways.

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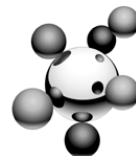
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Human experience	Dodecane: Repeated exposure may cause skin dryness or cracking.
Toxicological information	Dodecane: Toxicokinetics, metabolism and distribution The substance is poorly absorbed via skin. The substance is readily absorbed by ingestion and inhalation. The substance is metabolised and excreted. The substance is rapidly eliminated from the body. Dodecane: Neurotoxicity (literature value) The substance is not likely to cause neurotoxicity. The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy).

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity to fish	Dodecane: LL50 (96 h) <i>Oncorhynchus mykiss</i> (rainbow trout): > 10 - 100 mg/l; semi-static test; OECD Test Guideline 203 (literature value)
Toxicity to fish - Chronic toxicity	Dodecane: NOELR <i>Oncorhynchus mykiss</i> (rainbow trout): > 1,000 mg/l; Growth rate; Fresh water; QSAR (literature value)
Toxicity to daphnia and other aquatic invertebrates	Dodecane: EL50 (48 h) <i>Daphnia magna</i> (Water flea): > 100 mg/l; Immobilization; OECD Test Guideline 202 (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Undecane
Toxicity to daphnia and other aquatic invertebrates - Chronic toxicity	Dodecane: NOELR (21 d) <i>Daphnia magna</i> (Water flea): > 1,000 mg/l; reproduction rate; (literature value)
Toxicity to aquatic plants	Dodecane: ErL50 (72 h) <i>Pseudokirchneriella subcapitata</i> (green algae): > 100 mg/l; ; static test; OECD Test Guideline 201; (literature value) The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy). Test substance: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
Toxicity to bacteria	Dodecane: The study is not necessary. Justification: Readily biodegradable.
Toxicity to soil dwelling organisms	Dodecane: The study is not necessary. Justification: Readily biodegradable.
Toxicity to terrestrial flora	Dodecane: The study is not necessary. Justification: Readily biodegradable.
Toxicity for other terrestrial	Dodecane:

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non-mammalian fauna The study is not necessary.
Justification:
Readily biodegradable.

12.2 Persistence and degradability

Biodegradability Dodecane:
Readily biodegradable.; > 60 %; 28 d; aerobic; OECD Test Guideline 301F
Test substance: Hydrocarbons, C11-C12, n-alkanes, <2% aromatics

12.3 Bioaccumulative potential

Bioaccumulation Dodecane:
Bioconcentration factor (BCF): 790.9; calculated
not bioaccumulative according PBT criteria
(literature value)

12.4 Mobility in soil

Mobility Dodecane:
adsorption/desorption (soil); Koc: > 5000; calculated
immobile
strong adsorption to soil

12.5 Results of PBT and vPvB assessment

Results of PBT assessment Dodecane:
Based on available data, the classification criteria are not met.
Category approach

12.6 Other adverse effects

General advice Dodecane:
None known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

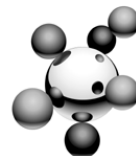
Product Can be incinerated, when in compliance with local regulations.

waste code of the European Union: EWC A waste code in accordance with the European Waste Catalogue (EWC) may not be assigned to this product since it admits of a classification only when the consumer uses it for some purpose. The waste code must be determined in agreement with the regional waste disposal authority or company.

SECTION 14: TRANSPORT INFORMATION**14.1 UN number**

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

14.2 Proper shipping name

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

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 Annex II of MARPOL 73/78 and the IBC Code

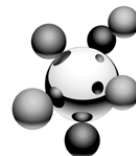
Remarks No information available.

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 workers 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 major-accident hazards involving dangerous substances list entry in the directive: Directive 96/82/EC does not apply



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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)	y (positive listing)
Japan. Industrial Safety & Health Law (ISHL) List	ISHL (JP)	y (positive listing)
Korea. Existing Chemicals Inventory (KECI)	KECI (KR)	y (positive 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)
Switzerland. Consolidated Inventory	CH INV	y (positive 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

Dodecane

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

SECTION 16: OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

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

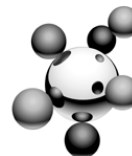
H304	May be fatal if swallowed and enters airways.
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Safety datasheet sections which have been updated:

1. Identification of the substance/mixture and of the company/undertaking
8. Exposure controls/personal protection
2. Hazards identification
3. Composition/information on ingredients
15. Regulatory information
16. Other information

Further information:

The information provided in this 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, processing, storage, transportation, disposal and release and is not to be considered a warranty 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



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other materials or in any process, unless specified in the text.
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
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
AICS	Australian Inventory of Chemical Substances
ANSI	American National Standards Institute
ASTM	American Society of Testing and Materials (US)
BCF	Bioconcentration factor
CLP	Regulation on Classification, Labelling and Packaging of Substances and Mixtures
DIN	Deutsches Institut für Normung
DNEL	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
IBC	Intermediate Bulk Container
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISHL	Industrial Safety and Health Law (Japan)
ISO	International Organization for Standardization
IUAPC	International Union of Pure and Applied Chemistry
KECI	Korea Existing Chemicals Inventory
LC...	Lethal Concentration, ...%
LD...	Lethal Dose, ...%
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
PBT	persistent, bioaccumulative, toxic
PICCS	Philippine Inventory of Chemicals and Chemical Substances
PNEC	Predicted No-Effect Concentration
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	Wassergefährdungsklasse

Annex

Attachments to the safety data sheet and/or lists of the identified uses for the listed substances can be downloaded using the internet links below.

Dodecane

http://www.sasolgermany.de/fileadmin/doc/productsafety/Annex/00000010616_EN_01.pdf