# SAFETY DATA SHEET



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

1.1. Product identifier

Trade name or designation

DAY NURSE LIQUID

of the mixture

Registration number

DAY NURSE LIQUID (UK) \* R&D CODE B19/69 \* PARACETAMOL, PSEUDOEPHEDRINE **Synonyms** 

HYDRCHLORIDE AND PHOLCODINE, FORMULATED PRODUCT

Issue date 08-September-2014

Version number 13

**Revision date** 08-September-2014

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

**Identified uses** Medicinal Product

> This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant

to medicinal use of the product. In this instance patients should consult prescribing

information/package insert/product label or consult their pharmacist or physician. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate

safety data sheet for each ingredient.

Uses advised against No other uses are advised.

1.3. Details of the supplier of the safety data sheet

GlaxoSmithKline UK 980 Great West Road

Brentford, Middlesex TW8 9GS UK

UK General Information (normal business hours): +44-20-8047-5000

Fmail Address: msds@gsk.com Website: www.qsk.com

1.4. Emergency telephone

number

TRANSPORT EMERGENCIES::

UK In-country toll call: +(44)-870-8200418 International toll call: +1 703 527 3887

available 24 hrs/7 days; multi-language response

### **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

#### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

#### Classification according to Regulation (EC) No 1272/2008 as amended

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

#### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

Exempt from requirements - product regulated as a medicinal product, cosmetic product or medical device.

Supplemental label information None.

Material name: DAY NURSE LIQUID

2.3. Other hazards This material will support combustion.

Caution - Pharmaceutical agent.

See section 11 for additional information on health hazards.

# **SECTION 3: Composition/information on ingredients**

#### 3,2. Mixtures

**General information** 

**Chemical name** 

ETHANOL 5 64-17-5 - 603-002-00-5 200-578-6

Classification: DSD: F;R11, Xi;R36

**CLP:** Flam. Liq. 2;H225, Eye Irrit. 2;H319

%

PARACETAMOL 3,3 103-90-2 -

203-157-5

Classification: DSD: Xn;R22, R52/53

CLP: Acute Tox. 4;H302, Aquatic Chronic 3;H412

PSEUDOEPHEDRINE 0.2 345-78-8

HYDROCHLORIDE 206-462-1

Classification: DSD: Xn;R22

CLP: Acute Tox. 4;H302

PHOLCODINE 0,03 509-67-1 - -

208-102-9

Classification: DSD: Xn;R22

CLP: Acute Tox. 4;H302

Other components below reportable levels 91,47

CLP: Regulation No. 1272/2008. DSD: Directive 67/548/EEC.

M: M-factor

vPvB: very persistent and very bioaccumulative substance. PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Community workplace exposure limit(s).

**Composition comments** The full text for all R- and H-phrases is displayed in section 16.

# **SECTION 4: First aid measures**

General information Take off all contaminated clothing immediately. In the case of accident or if you feel unwell, seek

medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated

CAS-No. / EC No. REACH Registration No. INDEX No.

**Notes** 

clothing before reuse.

4.1. Description of first aid measures

In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing is

difficult, trained personnel should give oxygen. If not breathing, give artificial respiration. Get

medical attention immediately.

**Skin contact** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing

and shoes. Take off immediately all contaminated clothing. Get medical attention if symptoms

occur.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If eye

irritation persists: Get medical advice/attention.

**Ingestion** If swallowed, rinse mouth with water (only if the person is conscious). If ingestion of a large

amount does occur, call a poison control centre immediately. Do not induce vomiting without

medical advice.

4.2. Most important symptoms and effects, both acute and

delayed

Direct contact with eyes may cause temporary irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No specific antidotes are recommended. Treat according to locally accepted protocols. For additional guidance, refer to the local poison control information centre.

**SECTION 5: Firefighting measures** 

General fire hazards Combustible liquid.

5.1. Extinguishing media

Suitable extinguishing media

Material name: DAY NURSE LIQUID

Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures

In case of fire and/or explosion do not breathe fumes.

**Specific methods**Use standard firefighting procedures and consider the hazards of other involved materials.

#### **SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8.

For emergency responders

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil etc) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use water spray to reduce vapours or divert vapour cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

# **SECTION 7: Handling and storage**

7.1. Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Provide adequate ventilation. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s) Medicinal Product

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

# Occupational exposure limits

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Components	Туре	Value	
PARACETAMOL (CAS 103-90-2)	8 HR TWA	4000 mcg/m3	
	OHC	1	
PSEUDOEPHEDRINE HYDROCHLORIDE (CAS 345-78-8)	8 HR TWA	200 mcg/m3	
,	OHC	2	

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring

procedures

Follow standard monitoring procedures.

Derived no-effect level (DNEL)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

8.2. Exposure controls

Appropriate engineering

controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. An Exposure Control Approach (ECA) is established for operations involving this material based upon the OEL/Occupational Hazard Category and the outcome of a site- or operation-specific risk assessment.

Individual protection measures, such as personal protective equipment

**General information** Personal protection equipment should be chosen according to the CEN standards and in

discussion with the supplier of the personal protective equipment. Follow all local regulations if

personal protective equipment (PPE) is used in the workplace.

Eye/face protection Not normally needed. If contact is likely, safety glasses with side shields are recommended. (eg.

EN 166)

Skin protection

- 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. Glove selection must take into account any solvents and other hazards present. Select suitable chemical resistant protective gloves (EN

374) with a protective index 6 (>480min permeation time).

Other
 Not normally needed. Wear suitable protective clothing as protection against splashing or

contamination. (EN 14605 for splashes, EN ISO 13982 for dust)

**Respiratory protection** No personal respiratory protective equipment normally required. If engineering controls do not

maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Where breathable aerosols/dust are formed, use suitable combination filter for gases/vapours of organic, inorganic, acid inorganic, alkaline compounds and toxic

particles (eg. EN 14387).

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

Hygiene measures For advice on suitable monitoring methods, seek guidance from a qualified environment, health

and safety professional. When using do not smoke. Wash hands after handling and before eating. An occupational/industrial hygiene monitoring method has been developed for this material.

**Environmental exposure controls** 

Hazard guidance and control recommendations

Contain spills and prevent releases and observe national regulations on emissions. Environmental

manager must be informed of all major releases.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

**Appearance** 

Physical state Liquid.

Form Solution.Bottle.

Colour Orange.

Odour Not available.

Odour threshold Not available.

PH Not available.

Melting point/freezing point Not available.

Initial boiling point and boiling Not available.

range

Flash point

70 °C (158 °F) Closed cup (Estimation based on components).

Evaporation rate Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

Flammability limit - lower

Not available.

(%)

Flammability limit - upper

Material name: DAY NURSE LIQUID

Not available.

(%)

Vapour pressureNot available.Vapour densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water) Not available.
Solubility (other) Not available.
Partition coefficient Not available.
(n-octanol/water)

Auto-ignition temperatureNot available.Decomposition temperatureNot available.ViscosityNot available.Explosive propertiesNot available.Oxidizing propertiesNot available.

**9.2. Other information** No relevant additional information available.

# **SECTION 10: Stability and reactivity**

**10.1. Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability** Material is stable under normal conditions.

10.3. Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

**10.4. Conditions to avoid** Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

**10.5. Incompatible materials** Strong oxidising agents. Alkali metals.

10.6. Hazardous

Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

decomposition products

# **SECTION 11: Toxicological information**

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Ingestion Harmful if swallowed. However, ingestion is not likely to be a primary route of occupational

exposure.

**Inhalation** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin contact Health injuries are not known or expected under normal use.

Eye contact Health injuries are not known or expected under normal use.

**Symptoms** Possible effects of overexposure in the workplace include: constipation, nausea, vomiting,

headache, insomnia.

# 11.1. Information on toxicological effects

Acute toxicity Harmful if swallowed. Health injuries are not known or expected under normal use.

Components	Species	Test results
ETHANOL (CAS 64-17-5)		
Acute		
Oral		
LD50	Rat	> 2000 mg/kg
Chronic		
Oral		
LOAEL	Monkey	40 %, 48 months % ingested calories
Subacute		
Oral		
LOEL	Rat	16,9 g/kg, 4 weeks Dietary - Dose given as g/kg/day
		6 %, 4 weeks percent in diet - continuous
Subchronic		
Inhalation		
LOEL	Rat	2 ml, 36 weeks haematological parameters
NOAEL	Guinea pig	3000 ppm No adverse effects
	Rat	86 mg/m3, 90 Day Daily dosing
Oral		
LOAEL	Rat	5000 mg/kg/day, 10 weeks Liver toxicity

Material name: DAY NURSE LIQUID

SDS MALTA

80 ml/kg, 85 Day Daily dose - Liver toxicity

Components Species Test results

10,2 g/kg, 12 weeks Dosed in drinking

water - Continuous

7,7 g/kg, 12 weeks Dosed in drinking water

- continuous

PARACETAMOL (CAS 103-90-2)

Acute

Oral

 LD50
 Rat
 1944 mg/kg

 TD
 Human
 >= 150 mg/kg

Subacute

Oral

NOAEL Rat 12500 ppm, 14 Day dietary, continuous

**Subchronic** 

Oral

NOAEL Rat 6200 ppm, 13 weeks dietary, continuous

TD Rat >= 12500 ppm, 13 weeks dietary,

continuous

Other

LOAEL Mouse
NOAEL Mouse

130 ppm, 61 weeks dietary, continuous 3200 ppm, 13 weeks dietary, continuous

0,3 %, 41 weeks dietary, continuous

TD Mouse 6100 ppm, 13 weeks dietary, continuous

1,25 %, 41 weeks dietary, continuous

PHOLCODINE (CAS 509-67-1)

Acute

Oral

LD50 Mouse 1000 RTECS Database

PSEUDOEPHEDRINE HYDROCHLORIDE (CAS 345-78-8)

**Acute** 

Oral

LD50 Mouse 371 mg/kg

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation**Health injuries are not known or expected under normal use.

Corrosivity

ETHANOL OECD 404

Result: Negative; not considered a significant irritant

Species: Rabbit

Irritation Corrosion - Skin: P.I.I. value

PSEUDOEPHEDRINE HYDROCHLORIDE 0.2

PARACETAMOL OECD 404, Literature data

Result: Slight irritant Species: Rabbit

Serious eye damage/eye

Health injuries are not known or expected under normal use.

irritation

Eye

ETHANOL OECD 405

Result: Severe Species: Rabbit OECD 405

Result: Slight irritant Species: Rabbit

Eye / Initial pain reaction score

**PARACETAMOL** 

PARACETAMOL Literature data

**Respiratory sensitisation**Health injuries are not known or expected under normal use. **Skin sensitisation**Health injuries are not known or expected under normal use.

Sensitisation

ETHANOL OECD 406

Result: negative Species: Guinea pig

Germ cell mutagenicity Health injuries are not known or expected under normal use.

Mutagenicity

PARACETAMOL

ETHANOL Ames

PARACETAMOL Result: negative Ames, Literature data

Result: negative

ETHANOL Chromosomal Aberration Assay In Vitro, CHO cells

Result: negative

PARACETAMOL Chromosomal Aberration Assay In Vitro, Literature data

Result: positive

ETHANOL Dominant lethal assay

Result: positive Species: Mouse Dominant lethal assay Result: positive Species: Rat

Gene mutation and repair

Result: negative Species: Bacteria

Gene mutation and repair

Result: positive Species: Bacteria

PARACETAMOL HPRT gene mutation in human lymphocytes, Literature data

Result: negative

ETHANOL In vitro cytogenetics assay

Result: positive

In vitro cytogenetics assay

Result: positive

Species: Aspergillus niger

In vivo Micronucleus, Literature data

Result: negative Species: Mouse

ETHANOL L5178Y mouse lymphoma thymidine kinase locus assay

Result: Weakly positive

Yeast mutation Result: negative Yeast mutation Result: positive

in vitro micronucleus assay

Result: negative

in vivo cytogenetics assay

Result: negative Species: Hamster

in vivo cytogenetics assay

Result: negative Species: Rat

in vivo cytogenetics assay

Result: positive Species: Mouse

sister chromatid exchange

Result: positive

**Carcinogenicity** Health injuries are not known or expected under normal use.

ETHANOL Epidemiology, causation linked to excessive consumption.

Species: Human

Organ: oral cavity, larynx, pharynx, oesophagus, liver

Literature data

Result: Equivocal. Increase in ademomas at toxic dose.

Species: Mouse Literature data

Result: Equivocal. Liver and bladder neoplasms at toxic doses.

Species: Rat Literature data Result: negative Species: Mouse Literature data Result: negative Species: Rat

Material name: DAY NURSE LIQUID

**PARACETAMOL** 

SDS MALTA

# Carcinogenicity

ETHANOL Neonatal, inadequate study

Result: negative Species: Rat inadequate study

Result: Increase in liver sarcomas

Species: Mouse inadequate study

Result: Time to tumour reduced

Species: Mouse Test Duration: 80 weeks inadequate study Result: negative Species: Hamster Test Duration: 807 Day inadequate study Result: negative Species: Mouse

Test Duration: 1020 Day inadequate study Result: negative Species: Rat inadequate study Result: negative Species: Rat

Test Duration: 78 weeks

#### IARC Monographs. Overall Evaluation of Carcinogenicity

PARACETAMOL (CAS 103-90-2) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity

Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Health injuries are not known or expected under normal use. These effects are linked only to high doses of this substance; low doses did not produce this adverse effect.

Reproductivity

ETHANOL 0.3 - 4.1 g/kg Embryo-foetal development - Oral, daily dose

Species: Monkey

Organ: facial anomolies, nervous system dysfunction 1 - 2 g/kg Embryo-foetal development - Oral, daily dose

Result: embryolethality

Species: Rat

1.8 g/kg Embryo-foetal development - Oral, daily dose

Result: Increased abortion

Species: Monkey

PARACETAMOL 250 mg/kg/day Embryofetal Development, Literature data

Result: Foetal NOAEL

Species: Rat

387 mg/kg/day Embryofetal Development, Literature data

Result: negative Species: Mouse

ETHANOL 5 g/kg Embryo-foetal development - Oral, daily dose -

intravenous

Result: reduced foetal body weight; no malformations or

other variations Species: Monkey

7 - 17 g/kg Embryo-foetal development - Oral, daily dose -

gavage Species: Rat

Organ: skeletal malformations, dilated renal pelves

750 mg/kg/day Embryofetal Development, Literature data

Result: decrease in foetal weght, minor skeletal

abnormalities. Species: Rat

<= 1400 mg/kg/day Pre- and Post-natal development.

Literature data

Result: reduced weight gain during nursing.

Species: Rat

ETHANOL Embryo-foetal development - Oral, 15-30% in diet

Result: resorptions, neural defects, cardiac malformations

Species: Mouse

Embryo-foetal development - Oral, Causation is linked to

excessive consumption.

Species: Human

Organ: growth deficiency, CNS dysfunction, facial defects,

major organ malformation

Material name: DAY NURSE LIQUID

**PARACETAMOL** 

SDS MALTA

Reproductivity

**PARACETAMOL** 

ETHANOL Embryofetal Development, in utero - 36% total calories

Species: Rat

Organ: gonadal growth and development

Epidemiology, Literature data

Result: No clear association with therapeutic use. Species: Human

**ETHANOL** Fertility, Female, 10% in drinking water

Result: negative Species: Rat

Fertility, Female, 20-25% total calories

Result: negative Species: Rat

Fertility, Male, 5-6% v/v liquid diet

Species: Mouse

Organ: significant effects on testes and seminal vesicles

Test Duration: 70 Day

Specific target organ toxicity -

single exposure

May cause damage to organs by ingestion.

Species: Human

Specific target organ toxicity -

repeated exposure

**PARACETAMOL** 

Causes damage to organs through prolonged or repeated exposure by ingestion.

Organ: Liver

Not likely, due to the form of the product. **Aspiration hazard** 

Mixture versus substance

information

No information available.

Caution - Pharmaceutical agent. Other information

# **SECTION 12: Ecological information**

12.1. Toxicity Not expected to be harmful to aquatic organisms.

Components		Species	Test results
ETHANOL (CAS 64-17-5)			
Aquatic			
Acute			
Algae	EC50	Blue-green algae (Microcystis aeruginosa)	1450 mg/l, 72 hours
Crustacea	EC50	Water flea (Daphnia magna)	9190 mg/l, 48 hours Static test
Fish	EC50	Fathead minnow (Adult Pimephales promelas)	14200 mg/l, 96 hours Flow-through test
		Rainbow trout (Adult Salmo gairdneri)	13000 mg/l, 96 hours Static test
PARACETAMOL (CAS 103	-90-2)		
Aquatic			
Acute			
Algae	EC50	Green algae (Scenedesmus subspicatus)	134 mg/l, 72 hours
Crustacea	EC50	Water flea (Daphnia magna)	50 mg/l, 48 hours Static test
Fish	EC50	Fathead minnow (Juvenile Pimephales promelas)	814 mg/l, 96 hours Flow-through test
PSEUDOEPHEDRINE HYD	ROCHLORIDE (C	CAS 345-78-8)	
Acute			
	IC50	Activated sludge	> 100 mg/l, 3 hours

	1000	7 toti vatou olaugo	roo mg/i, o modro
	NOEC	Activated sludge	3,2 mg/l, 3 hours
Aquatic			
Acute			
Algae	EC50	Green algae (Selenastrum capricornutum)	82 mg/l, 72 hours
Crustacea	EC50	Water flea (Daphnia magna)	> 120 mg/l, 48 hours Static test
	NOEC	Water flea (Daphnia magna)	7,5 mg/l, 48 hours Static test
Fish	EC50	Golden ide/orfe (Juvenile Leuciscus idus)	460 - 1000 mg/l, 96 hours

Material name: DAY NURSE LIQUID

Components Species Test results

Chronic

Algae NOEC Green algae (Selenastrum > 7,5 mg/l, 72 hours

capricornutum)

12.2. Persistence and

degradability

**Photolysis** 

Half-life (Photolysis-aqueous)

ETHANOL 1 - 36,6 years Measured

Half-life (Photolysis-atmospheric)

ETHANOL 4 - 5,9 Days Estimated

**Hydrolysis** 

Half-life (Hydrolysis-neutral)

PSEUDOEPHEDRINE HYDROCHLORIDE > 99 %, 14 days, Activated sludge

Biodegradability

Percent degradation (Aerobic biodegradation-inherent)

ETHANOL 37 - 86 %, 5 days BOD5, Activated sludge

PARACETAMOL 99 %, 5 days Modified Zahn-Wellens, Activated sludge

Percent degradation (Aerobic biodegradation-ready)

PSEUDOEPHEDRINE HYDROCHLORIDE 60 % BOD20

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

ETHANOL -0,31
PARACETAMOL 0,36
PSEUDOEPHEDRINE HYDROCHLORIDE 0,89

12.4. Mobility in soil

Adsorption

Sludge/biomass distribution coefficient - log Kd

PSEUDOEPHEDRINE HYDROCHLORIDE < -1,39 Measured

Soil/sediment sorption - log Koc

ETHANOL 1,2 Calculated

Not available.

Mobility in general

Volatility

Henry's law

ETHANOL 0,000005 atm m3/mol Measured PARACETAMOL 0 atm m^3/mol Estimated

12.5. Results of PBT

and vPvB

assessment

**12.6. Other adverse effects** Not available.

**SECTION 13: Disposal considerations** 

13.1. Waste treatment methods

**Residual waste** Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

Since emptied containers may retain product residue, follow label warnings even after container is

emptied.

**EU waste code**The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not

discharge into drains, water courses or onto the ground. Dispose in accordance with all applicable

regulations.

**Special precautions**Dispose in accordance with all applicable regulations.

**SECTION 14: Transport information** 

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

Material name: DAY NURSE LIQUID

### **ADN**

Not regulated as dangerous goods.

#### **IATA**

Not regulated as dangerous goods.

Read safety instructions, SDS and emergency procedures before handling.

#### **IMDG**

Not regulated as dangerous goods.

14.7. Transport in bulk

MARPOL Annex II applies to liquids used in a ship's operation that pose a threat to the marine

according to Annex II of

environment. These materials may not be transported in bulk.

MARPOL73/78 and the IBC Code

# **SECTION 15: Regulatory information**

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

# **EU** regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended Not listed

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Not listed

Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA Not listed.

# **Authorisations**

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed

### Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended ETHANOL (CAS 64-17-5)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

Not listed.

# Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances

Not listed.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work ETHANOL (CAS 64-17-5)

Directive 94/33/EC on the protection of young people at work

Not listed.

The product is classified and labelled in accordance with EC directives or respective national laws. Other regulations

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

Follow national regulation for work with chemical agents. National regulations 15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

# **SECTION 16: Other information**

Material name: DAY NURSE LIQUID

List of abbreviations Not available References

Information on evaluation method leading to the classification of mixture

Full text of any statements or R-phrases and H-statements under Sections 2 to 15 **GSK Hazard Determination** 

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

R11 Highly flammable. R22 Harmful if swallowed.

R36 Irritating to eyes.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed. H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Product and Company Identification: Product and Company Identification

Composition / Information on Ingredients: Ingredients

Physical & Chemical Properties: Ecological Information: Mobility TRANSPORT INFORMATION:

Regulatory Information: Risk Phrases - Class.

**GHS: Classification** 

**Training information** 

**Revision information** 

Follow training instructions when handling this material.

**Disclaimer** The information and recommendations in this safety dat

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create any warranty, express or implied. It is the responsibility of the user to determine the applicability of this information and

the suitability of the material or product for any particular purpose.

Material name: DAY NURSE LIQUID