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

1.1 Product identifier

Trade name

: Casco[®] Cascol Winter

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

Product use : Adhesive

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Norge AS
		Sanitetsveien 1
		2013 Skjetten
Telephone	:	+47 67 06 79 00
E-mail address of person responsible for the SDS	:	kundeservice@no.sika.com

1.4 Emergency telephone number

Giftinformasjonen: 22 59 13 00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3

H226: Flammable liquid and vapour.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

1

Hazard pictograms

|--|

Signal word	:	Warning	
Hazard statements	:	H226	Flammable liquid and vapour.
Precautionary statements	:	P101	If medical advice is needed, have product container or label at hand.
		P102	Keep out of reach of children.
		Prevention	:
		P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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		smoking.		
	Response:			
	P303 + P361 + P353 IF ON SKIN (or hair): Take off immedi- ately all contaminated clothing. Rinse skin with water.			
	P370 + P378	In case of fire: Use dry sand, d alcohol-resistant foam to exting	-	
	Disposal:			
	P501	Dispose of contents/container i	n accordance	

Additional Labelling

EUH208

Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

with local regulation.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Contains a biocide in order to protect the product. Active ingredient: reaction mass of 5-chloro-2methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1), 55965-84-9. Please use treated articles responsibly.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Componente			
Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
ethanol	64-17-5 200-578-6 01-2119457610-43- XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319 specific concentration limit Eye Dam. 2; H319 >= 50 %	>= 5 - < 10

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2- methyl-2H-isothiazol-3-one (3:1)	55965-84-9 Not Assigned 01-2120764691-48- XXXX	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071	>= 0,0002 - < 0,0015
		M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100	
		specific concentration limit Skin Corr. 1C; H314 >= 0,6 %	
		specific concentration limit Skin Irrit. 2; H315 0,06 - < 0,6 %	
		specific concentration limit Eye Irrit. 2; H319 0,06 - < 0,6 %	
		specific concentration limit Skin Sens. 1A; H317 >= 0,0015 %	
		specific concentration limit Eye Dam. 1; H318 >= 0,6 %	

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For explanation of abbreviations see section 16.



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SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	:	Move to fresh air.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact	:	Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	See Section 11 for more detailed informati and symptoms.	on on health effects
Risks	No known significant effects or hazards.	

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	Water

5.2 Special hazards arising from the substance or mixture

Hazardous combustion prod- : No hazardous combustion products are known ucts

5.3 Advice for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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for firefighters		
Further information :	Use water spray to cool unopened containers.	
SECTION 6: Accidental release	measures	
6.1 Personal precautions, protecti	ve equipment and emergency procedures	
Personal precautions :	Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapours accumulating to form explo tions. Vapours can accumulate in low areas.	sive concentra-
6.2 Environmental precautions		
Environmental precautions :	Prevent product from entering drains. If the product contaminates rivers and lakes or respective authorities.	drains inform
6.3 Methods and material for conta	ainment and cleaning up	
Methods for cleaning up	Contain spillage, and then collect with non-con sorbent material, (e.g. sand, earth, diatomaced miculite) and place in container for disposal ac	ous earth, ver-

/ national regulations (see section 13).

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 exceeding the given occupational exposure limits (see section 8). For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products
Advice on protection against fire and explosion	:	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.

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Hygiene measures	:	Handle in accordance with good industrial hygie practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the en	using do not				
7.2 Conditions for safe storage, i	ncl	luding any incompatibilities					
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-v place. Containers which are opened must be ca sealed and kept upright to prevent leakage. Stor ance with local regulations.	refully re-				
Further information on stor- age stability	:	No decomposition if stored and applied as direc	ted.				
7.3 Specific end use(s)							
Specific use(s)	:	Consult most current local Product Data Sheet p use.	prior to any				

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
ethanol	64-17-5	TWA	500 ppm 950 mg/m3	FOR-2011-12- 06-1358

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection	:	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications. Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.

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Skin and body protection	long- and p	ective clothing (e.g. Safety shoes a sleeved working clothing, long tro protective boots are additionaly re- stirring work.	users). Rubber aprons
Respiratory protection	Resp exposing lir orgar A1: < Ensu exhar ods f ticula to ke	se of inadequate ventilation wear irator selection must be based on sure levels, the hazards of the pro- mits of the selected respirator. hic vapor filter (Type A) 1000 ppm; A2: < 5000 ppm; A3: re adequate ventilation. This can ust extraction or by general ventila or determining inhalation exposure r to the mixing / stirring area. In ca ep the concentrations under the o then respiration protection measu	known or anticipated oduct and the safe work- < 10000 ppm be achieved by local ation. (EN 689 - Meth- e). This applies in par- ase this is not sufficent ccupational exposure
Environmental exposure c	ontrols		
General advice		ent product from entering drains.	lakaa ar draina inform

e : Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Colour	:	liquid light yellow
Odour	:	very faint, alcohol-like
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	81 °C
Flammability (solid, gas)	:	No data available
Upper/lower flammability or	exp	losive limits
Upper explosion limit / Up- per flammability limit	:	15 %(V)
Lower explosion limit / Lower flammability limit	:	3,5 %(V)

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Flash point	: 37 °C Method: closed cup	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
рН	: 3 Concentration: 100 %	
Viscosity Viscosity, dynamic	: 12.000 mPa.s	
Viscosity, kinematic	: > 20,5 mm2/s (40 °C)	
Solubility(ies) Water solubility	: No data available	
Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 75,9935 hPa	
Density	: 1,1 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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10.3 Possibility of hazardous re	ctions	
Hazardous reactions	: Stable under recommended storage condition	S.
	Vapours may form explosive mixture with air.	
10.4 Conditions to avoid		
Conditions to avoid	: Heat, flames and sparks.	
10.5 Incompatible materials		
Materials to avoid	: No data available	
10.6 Hazardous decomposition	roducts	
No decomposition if stored a	applied as directed.	
SECTION 11: Toxicological in	ormation	
11.1 Information on hazard clas	es as defined in Regulation (EC) No 1272/2008	
Acute toxicity Not classified based on availa	ble information.	
Components:		
reaction mass of 5-chloro-2 Acute inhalation toxicity	methyl-2H-isothiazol-3-one and 2-methyl-2H-iso : Assessment: Corrosive to the respiratory tract.	thiazol-3-one (3:1):
Skin corrosion/irritation Not classified based on avail	ble information.	
Serious eye damage/eye irr Not classified based on avail		
Respiratory or skin sensitis	tion	
Skin sensitisation Not classified based on avail	ble information.	
Respiratory sensitisation		
Not classified based on availa	le information.	
Germ cell mutagenicity		
Not classified based on availa	ble information.	
Carcinogenicity		

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

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STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1): M-Factor (Acute aquatic tox- : 100 icity)

M-Factor (Chronic aquatic : 100 toxicity)

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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12.6 Endocrine disrupting properties

Product:

Ass

sessment	:	The substance/mixture does not contain components consid- ered to have endocrine disrupting properties according to
		REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological infor-	:	There is no data available for this product.
mation		

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	The generation of waste should be avoided or minin wherever possible. Empty containers or liners may retain some product This material and its container must be disposed of way. Dispose of surplus and non-recyclable products via waste disposal contractor. Disposal of this product, solutions and any by-produ at all times comply with the requirements of environ protection and waste disposal legislation and any re local authority requirements. Avoid dispersal of spilled material and runoff and co soil, waterways, drains and sewers.	residues. in a safe a licensed ucts should mental gional
Waste Code	7051	
European Waste Catalogue	08 04 09* waste adhesives and sealants containing solvents or other dangerous substances	ı organic
Contaminated packaging	15 01 10* packaging containing residues of or conta by dangerous substances	iminated

SECTION 14: Transport information

14.1 UN number or ID number

IMDG	-	UN 1133 UN 1133	
ΙΑΤΑ	:	UN 1133	
A			

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

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14.2 UN proper shipping name		
ADR	: ADHESIVES	
IMDG	: ADHESIVES	
ΙΑΤΑ	: Adhesives	
14.3 Transport hazard class(es)		
	Class Subsidiary risk	(S
ADR	: 3	
IMDG	: 3	
ΙΑΤΑ	: 3	
14.4 Packing group		
ADR Packing group Classification Code Labels Tunnel restriction code Remarks	 III F1 3 (E) Exempted according to 2.2.3.1.5 (Vistion) 	scous substance exemp-
IMDG Packing group Labels EmS Code Remarks	 III 3 F-E, S-D Transport in accordance with 2.3.2.5 	of the IMDG-Code
IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels	 366 Y344 III Flammable Liquids 	
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	 355 Y344 III Flammable Liquids 	
14.5 Environmental hazards		
ADR Environmentally hazardous	: no	
IMDG Marine pollutant	: no	
IATA (Passenger)		

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Date of last issue: 22.05.2024 Environmentally hazardous no : IATA (Cargo) Environmentally hazardous no 14.6 Special precautions for user The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations. 14.7 Maritime transport in bulk according to IMO instruments Not applicable for product as supplied. **SECTION 15: Regulatory information** 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture International Chemical Weapons Convention (CWC) Not applicable Schedules of Toxic Chemicals and Precursors **REACH Information:** All substances contained in our Products are - registered by our upstream suppliers, and/or - registered by us, and/or - excluded from the regulation, and/or - exempted from the registration. REACH - Restrictions on the manufacture, placing on Conditions of restriction for the fol-5 the market and use of certain dangerous substances, lowing entries should be considered: mixtures and articles (Annex XVII) Number on list 3 REACH - Candidate List of Substances of Very High None of the components are listed Concern for Authorisation (Article 59). (=> 0.1 %). REACH - List of substances subject to authorisation Not applicable (Annex XIV) Regulation (EU) No 2024/590 on substances that de-Not applicable plete the ozone layer Regulation (EU) 2019/1021 on persistent organic pollu-Not applicable tants (recast)

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of dangerous chemicals

Seveso III: Directive 2012/18/ jor-accident hazards involving P5c		of the European Parliament and of the Council on the control of ma- ngerous substances. FLAMMABLE LIQUIDS
Volatile organic compounds	:	Law on the incentive tax for volatile organic compounds (VOCV) Volatile organic compounds (VOC) content: 9,02% w/w Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 10,43% w/w
Product registration number	:	308236

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements				
H225	:	Highly flammable liquid and vapour.		
H301	:	Toxic if swallowed.		
H310	:	Fatal in contact with skin.		
H314	:	Causes severe skin burns and eye damage.		
H317	:	May cause an allergic skin reaction.		
H318	:	Causes serious eye damage.		
H319	:	Causes serious eye irritation.		
H330	:	Fatal if inhaled.		
H400	:	Very toxic to aquatic life.		
H410	:	Very toxic to aquatic life with long lasting effects.		
Full text of other abbreviations				
Acute Tox.	:	Acute toxicity		
Aquatic Acute	:	Short-term (acute) aquatic hazard		
Aquatic Chronic	:	Long-term (chronic) aquatic hazard		
Eye Dam.	:	Serious eye damage		
Eye Irrit.	:	Eye irritation		
Flam. Liq.	:	Flammable liquids		
Skin Corr.	:	Skin corrosion		
Skin Sens.	:	Skin sensitisation		
FOR-2011-12-06-1358	:	Norway. Occupational Exposure limits		
FOR-2011-12-06-1358 /	:	Long term exposure limit		
TWA				
ADR	:	European Agreement concerning the International Carriage of Dangerous Goods by Road		

Full text of H-Statements

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CAS	: Chemical Abstracts Service	
DNEL	: Derived no-effect level	
EC50	: Half maximal effective concentration	
GHS	: Globally Harmonized System	
ΙΑΤΑ	: International Air Transport Association	
IMDG	International Maritime Code for Dangerous Goods	
LD50	Median lethal dosis (the amount of a material, given all at	
	once, which causes the death of 50% (one	e half) of a group of
	test animals)	
LC50	: Median lethal concentration (concentration	ns of the chemical in
	air that kills 50% of the test animals during	the observation
	period)	
MARPOL	: International Convention for the Preventio	n of Pollution from
	Ships, 1973 as modified by the Protocol o	f 1978
OEL	: Occupational Exposure Limit	
PBT	: Persistent, bioaccumulative and toxic	
PNEC	: Predicted no effect concentration	
REACH	: Regulation (EC) No 1907/2006 of the Euro	ppean Parliament
	and of the Council of 18 December 2006 of	
	istration, Evaluation, Authorisation and Re	
	cals (REACH), establishing a European C	
SVHC	: Substances of Very High Concern	
vPvB	: Very persistent and very bioaccumulative	

Further information

Classification of the mixture:		Classification procedure:
Flam. Liq. 3	H226	Based on product data or assessment

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

NO / EN