# **Safety Data Sheet**

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date: 20-Nov-2025 Version 1

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

### 1.1. Product identifier

SDS # ACL-016-EU
Product Code #2001, #2003, #530
Product Name Staticide General Purpose

Other means of identification

Pure substance/mixture Mixture

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

**Recommended use** For industrial use

1.3. Details of the supplier of the safety data sheet

# Supplier

ACL, Inc. 840 West 49th Place Chicago, IL 60609 (847) 981-9212

For further information, please contact

Contact Point ACL, Inc.: (847) 981-9212 Email Address ACL, Inc.: (847) 981-9212 msds@aclstaticide.com

1.4. Emergency telephone number

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

Emergency Telephone Number - §45 - (EC)1272/2008

Europe 112

# SECTION 2: Hazards identification

# 2.1. Classification of the substance or mixture

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

#### 2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

#### **Hazard statements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.3. Other hazards

No information available.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

# SECTION 3: Composition/information on ingredients

# 3.1 Substances

Not applicable

# 3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No. (Index No.)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Isopropyl Alcohol 67-63-0	0.1-1	No data available	200-661-7 (603-117-00-0)	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336)	-	-	-

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# Full text of H- and EUH-phrases: see section 16

### **Acute Toxicity Estimate**

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Ī	Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4	Inhalation LC50 - 4	Inhalation LC50 - 4
				hour - dust/mist -	hour - vapour - mg/L	hour - gas - ppm
				mg/L		
ſ	Isopropyl Alcohol	4710	4059	No data available	30.1303	No data available
	67-63-0					

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

# SECTION 4: First aid measures

# 4.1. Description of first aid measures

**Inhalation** Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a doctor.

**Skin contact**Wash skin with soap and water. In the case of skin irritation or allergic reactions see a

doctor.

**Ingestion** Rinse mouth.

# 4.2. Most important symptoms and effects, both acute and delayed

Symptoms None known.

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

# SECTION 5: Firefighting measures

5.1. Extinguishing media

surrounding environment.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media**Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout

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gear. Use personal protective equipment.

# SECTION 6: Accidental release measures

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

**Personal precautions** Ensure adequate ventilation.

6.2. Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled

containers. Clean contaminated surface thoroughly.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

**Reference to other sections** See section 8 for more information. See section 13 for more information.

# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510) LGK 10.

# 7.3. Specific end use(s)

Specific Use(s)
For industrial use.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

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# SECTION 8: Exposure controls/personal protection

# 8.1. Control parameters

# **Exposure Limits**

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Isopropyl Alcohol	-	TWA-TMW:	TWA: 200 ppm;	TWA: 980.0 mg/m <sup>3</sup> ;	TWA-GVI: 400 ppm;
67-63-0		200 ppm;	TWA: 500 mg/m <sup>3</sup> ;	STEL: 1225.0	TWA-GVI:
		TWA-TMW:	STEL: 400 ppm;	mg/m³;	999 mg/m <sup>3</sup> ;
		500 mg/m <sup>3</sup> ;	STEL: 1000 mg/m <sup>3</sup> ;		STEL-KGVI: 500
		STEL-KZGW: 800			ppm;
		ppm (4 X 15 min);			STEL-KGVI: 1250
		STEL-KZGW: 2000			mg/m³;
	_	mg/m <sup>3</sup> (4 X 15 min);			
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Isopropyl Alcohol	-	TWA: 500 mg/m <sup>3</sup> ;	TWA: 200 ppm;	TWA: 150 ppm;	TWA: 200 ppm;
67-63-0		Ceiling: 1000	TWA: 490 mg/m <sup>3</sup> ;	TWA: 350 mg/m <sup>3</sup> ;	TWA: 500 mg/m <sup>3</sup> ;
		mg/m³;	STEL: 400 ppm;	STEL: 250 ppm;	STEL: 250 ppm;
		pSk	STEL: 980 mg/m <sup>3</sup> ;	STEL: 600 mg/m <sup>3</sup> ;	STEL: 620 mg/m <sup>3</sup> ;
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Isopropyl Alcohol	STEL-VLCT: 400	TWA-AGW;	TWA-MAK: 200	TWA: 400 ppm;	TWA-AK: 500
67-63-0	ppm;	200 ppm (exposure	ppm; II(2);	TWA: 980 mg/m <sup>3</sup> ;	mg/m³;
	STEL-VLCT: 980	factor 2);	TWA-MAK: 500	STEL: 500 ppm;	TWA-AK: 200 ppm;
	mg/m³;	TWA-AGW;	mg/m <sup>3</sup> ; II(2);	STEL: 1225 mg/m <sup>3</sup> ;	STEL-CK: 1000
		500 mg/m³ (exposur			mg/m³;
		e factor 2);	Peak: 1000 mg/m <sup>3</sup> ;		STEL-CK: 400 ppm;
					pSk
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Isopropyl Alcohol	TWA: 200 ppm;	Italy MDLPS -	TWA: 200 ppm;	TWA: 350 mg/m <sup>3</sup> ;	Lithuania TWA-IPRD: 150
	TWA: 200 ppm; STEL: 400 ppm;	Italy MDLPS	TWA: 200 ppm; TWA: 492 mg/m <sup>3</sup> ;		Lithuania TWA-IPRD: 150 ppm;
Isopropyl Alcohol	TWA: 200 ppm;	Italy MDLPS	TWA: 200 ppm; TWA: 492 mg/m <sup>3</sup> ; STEL (REL): 400	TWA: 350 mg/m <sup>3</sup> ;	Lithuania TWA-IPRD: 150 ppm; TWA-IPRD: 350
Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm;	Italy MDLPS	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm;	TWA: 350 mg/m <sup>3</sup> ;	Lithuania TWA-IPRD: 150 ppm; TWA-IPRD: 350 mg/m³;
Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm;	Italy MDLPS	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983	TWA: 350 mg/m <sup>3</sup> ;	Lithuania TWA-IPRD: 150 ppm; TWA-IPRD: 350 mg/m³; STEL-TPRD: 250
Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm;	Italy MDLPS	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm;	TWA: 350 mg/m <sup>3</sup> ;	Lithuania TWA-IPRD: 150 ppm; TWA-IPRD: 350 mg/m³; STEL-TPRD: 250 ppm;
Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm;	Italy MDLPS	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983	TWA: 350 mg/m <sup>3</sup> ;	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600
Isopropyl Alcohol 67-63-0	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	TWA: 350 mg/m <sup>3</sup> ; STEL: 600 mg/m <sup>3</sup> ;	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;
Isopropyl Alcohol 67-63-0 Chemical name	TWA: 200 ppm; STEL: 400 ppm;	Italy MDLPS - Malta	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983	TWA: 350 mg/m <sup>3</sup> ; STEL: 600 mg/m <sup>3</sup> ; Norway	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	TWA: 350 mg/m³; STEL: 600 mg/m³; Norway	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900
Isopropyl Alcohol 67-63-0 Chemical name	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	TWA: 350 mg/m³; STEL: 600 mg/m³; Norway TWA: 100 ppm; TWA: 245 mg/m³;	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	TWA: 350 mg/m³; STEL: 600 mg/m³; Norway TWA: 100 ppm; TWA: 245 mg/m³; STEL: 150	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;  STEL-NDSCh: 1200
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	Norway TWA: 245 mg/m³; STEL: 150 ppm (value	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;  STEL-NDSCh: 1200 mg/m³;
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	Norway TWA: 245 mg/m³; STEL: 150 ppm (value calculated);	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;  STEL-NDSCh: 1200
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	Norway TWA: 245 mg/m³; STEL: 150 ppm (value calculated); STEL: 306.25	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;  STEL-NDSCh: 1200 mg/m³;
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	Norway TWA: 100 ppm; TWA: 245 mg/m³; STEL: 150 ppm (value calculated); STEL: 306.25 mg/m³ (value	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;  STEL-NDSCh: 1200 mg/m³;
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	Norway TWA: 245 mg/m³; STEL: 150 ppm (value calculated); STEL: 306.25	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;  STEL-NDSCh: 1200 mg/m³;
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	Norway TWA: 100 ppm; TWA: 245 mg/m³; STEL: 150 ppm (value calculated); STEL: 306.25 mg/m³ (value	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;  STEL-NDSCh: 1200 mg/m³;
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	Norway TWA: 100 ppm; TWA: 245 mg/m³; STEL: 150 ppm (value calculated); STEL: 306.25 mg/m³ (value	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;  STEL-NDSCh: 1200 mg/m³;
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	Norway TWA: 245 mg/m³; STEL: 150 ppm (value	Lithuania  TWA-IPRD: 150 ppm;  TWA-IPRD: 350 mg/m³;  STEL-TPRD: 250 ppm;  STEL-TPRD: 600 mg/m³;  Poland  TWA-NDS: 900 mg/m³;  STEL-NDSCh: 1200 mg/m³;
Isopropyl Alcohol 67-63-0  Chemical name Isopropyl Alcohol	TWA: 200 ppm; STEL: 400 ppm; pSk	-	TWA: 200 ppm; TWA: 492 mg/m³; STEL (REL): 400 ppm; STEL (REL): 983 mg/m³;	Norway TWA: 100 ppm; TWA: 245 mg/m³; STEL: 150 ppm (value calculated); STEL: 306.25 mg/m³ (value	;

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Chemical name		Portugal	Romania	Slovakia	Slo	venia	Spain
Isopropyl Alcohol	TWA (	VLE-MP): 200	TWA: 81 ppm;	TWA: 200 ppm;	TWA:	200 ppm;	TWA-(VLA-ED): 200
67-63-0		ppm;	TWA: 200 mg/m <sup>3</sup> ;	TWA: 500 mg/m <sup>3</sup> ;	TWA: 5	00 mg/m <sup>3</sup> ;	ppm;
		L (VLE-CD):	STEL: 203 ppm;	Ceiling: 1000		400 ppm;	TWA-(VLA-ED): 500
	4	100 ppm;	STEL: 500 mg/m <sup>3</sup>	; mg/m³;	STEL: 1	000 mg/m <sup>3</sup> ;	mg/m³;
							STEL (VLA-EC):
							400 ppm;
							STEL (VLA-EC):
							1000 mg/m <sup>3</sup> ;
Chemical name		Sv	veden	Switzerland		Uni	ited Kingdom
Isopropyl Alcohol		TLV-NG	V: 150 ppm;	TWA-MAK: 200 p	pm;		/A: 400 ppm;
67-63-0		TLV-NGV	': 350 mg/m <sup>3</sup> ;	TWA-MAK: 500 m	g/m³;	TWA	A: 999 mg/m <sup>3</sup> ;
		STEL (Vägled	dande KGV): 250	STEL-KZGW: 400	ppm;	STI	EL: 500 ppm;
		ļ r	opm;	STEL-KZGW: 1000	mg/m³;	STEL	_: 1250 mg/m <sup>3</sup> ;
		STEL (Vägled	dande KGV): 600				
		m	g/m³;				

# Biological occupational exposure limits

Chemical name	European Union	Austria	Bulg	garia	Croatia		Czech Republic
Isopropyl Alcohol	-	-	-	-	50 mg/L - blo		-
67-63-0					(Acetone) - at		
					end of the work		
					50 mg/L - uri		
					(Acetone) - at		
	5 .				end of the work		C TD00
Chemical name	Denmark	Finland	Fra	nce	Germany DF		Germany TRGS
Isopropyl Alcohol	-	-	-	_	25 mg/L (who		25 mg/L (whole
67-63-0							blood - Acetone end
							of exposure or shift)
					25 mg/L (urin Acetone end		25 mg/L (urine - Acetone end of
					exposure or sl		
					25 mg/L - BAT	,	exposure or shift)
					of exposure or		
					of shift) urin		
					25 mg/L - BAT		
					of exposure or		
					of shift) bloo		
Chemical name	Hungary	Ireland	d	Italy	/ MDLPS		Italy AIDII
Isopropyl Alcohol	-	40 mg/L (urine	- Acetone		-	40 m	g/L - urine (Acetone)
67-63-0		end of shift a	t end of			- er	nd of shift at end of
		workwe	ek)				workweek
Chemical name	Latvia	Luxembo			omania		Slovakia
	25 mg/L - urine (Acetone)	-			urine (Acetone)		-
67-63-0	- at the end of exposure			- er	nd of shift		
	or shift						
	25 mg/L - blood						
	(Acetone) - at the end of						
	exposure or shift						

Chemical name	Slovenia	Spain	Switzerland	United Kingdom
Isopropyl Alcohol	25 mg/L - blood	40 mg/L (urine - Acetone	25 mg/L (urine - Acetone	-
67-63-0	(Acetone) - at the end of	end of workweek)	end of shift)	
	the work shift		0.4 mmol/L (urine -	
	25 mg/L - urine (Acetone)		Acetone end of shift)	
	- at the end of the work		25 mg/L (whole blood -	
	shift		Acetone end of shift)	
			0.4 mmol/L (whole blood -	
			Acetone end of shift)	

# Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Isopropyl Alcohol 67-63-0	-	888 mg/kg bw/day [4] [6]	500 mg/m <sup>3</sup> [4] [6] 1000 mg/m <sup>3</sup> [4] [7]
Alkyl dimethyl benzyl Ammonium Chloride 85409-23-0	-	-	1 mg/m <sup>3</sup> [5] [6]
Diphenyl Oxide 101-84-8	-	25 mg/kg bw/day [4] [6]	59 mg/m³ [4] [6] 7 mg/m³ [5] [6] 14 mg/m³ [5] [7]
Citronellol 106-22-9	-	327.4 mg/kg bw/day [4] [6] 2950 µg/cm2 [5] [7]	161.6 mg/m³ [4] [6] 10 mg/m³ [5] [6] 10 mg/m³ [5] [7]
Geraniol 106-24-1	-	4.2 mg/kg bw/day [4] [6] 11800 µg/cm2 [5] [6]	11.8 mg/m³ [4] [6]
_Amines, C12-18-alkyldimethyl 68391-04-8	-	-	1.8 mg/m³ [4] [6] 5.4 mg/m³ [4] [7] 1 mg/m³ [5] [6] 1 mg/m³ [5] [7]
2-(4-tert-butylbenzyl)propionaldehyde 80-54-6	-	1.79 mg/kg bw/day [4] [6] 410 µg/cm2 [5] [6] 410 µg/cm2 [5] [7]	0.44 mg/m <sup>3</sup> [4] [6]
Musk Ketone 81-14-1	-	0.563 mg/kg bw/day [4] [6]	0.247 mg/m <sup>3</sup> [4] [6]
Linalool 78-70-6	-	3.5 mg/kg bw/day [4] [6] 3 mg/cm2 [5] [6] 3 mg/cm2 [5] [7]	24.58 mg/m <sup>3</sup> [4] [6]
Hydroxycitronellal 107-75-5	-	4.9 mg/kg bw/day [4] [6] 500 μg/cm2 [5] [6]	8.7 mg/m <sup>3</sup> [4] [6]
Benzyl Salicylate 118-58-1	-	2.21 mg/kg bw/day [4] [6]	7.8 mg/m³ [4] [6]

# **Notes**

[4] [5] [6] [7] Systemic health effects. Local health effects. Long term.

Short term.

# Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Isopropyl Alcohol 67-63-0	26 mg/kg bw/day [4] [6] 51 mg/kg bw/day [4] [7]	-	89 mg/m³ [4] [6] 178 mg/m³ [4] [7]
Alkyl dimethyl benzyl Ammonium Chloride 85409-23-0	-	-	1 mg/m³ [5] [6]

Chemical name	Oral	Dermal	Inhalation
Citronellol	13.8 mg/kg bw/day [4] [6]	2950 μg/cm2 [5] [7]	47.8 mg/m³ [4] [6]
106-22-9			10 mg/m <sup>3</sup> [5] [6]
			10 mg/m³ [5] [7]
Geraniol	2 mg/kg bw/day [4] [6]	1180 μg/cm2 [5] [6]	3.5 mg/m³ [4] [6]
106-24-1			
_Amines, C12-18-alkyldimethyl	0.25 mg/kg bw/day [4] [6]	-	0.43 mg/m³ [4] [6]
68391-04-8			
2-(4-tert-butylbenzyl)propionaldehyde	0.0625 mg/kg bw/day [4] [6]	410 µg/cm2 [5] [6]	0.11 mg/m³ [4] [6]
80-54-6		410 μg/cm2 [5] [7]	
Musk Ketone	25 μg/kg bw/day [4] [6]	-	43.5 μg/m³ [4] [6]
81-14-1			
Linalool	2.49 mg/kg bw/day [4] [6]	1.5 mg/cm2 [5] [6]	4.33 mg/m <sup>3</sup> [4] [6]
78-70-6		1.5 mg/cm2 [5] [7]	
Hydroxycitronellal	1.2 mg/kg bw/day [4] [6]	500 μg/cm2 [5] [6]	2.1 mg/m <sup>3</sup> [4] [6]
107-75-5			
Benzyl Salicylate	0.79 mg/kg bw/day [4] [6]	-	1.37 mg/m <sup>3</sup> [4] [6]
118-58-1			

Notes

[4] [5] [6] [7] Systemic health effects. Local health effects. Long term.

Short term.

# **Predicted No Effect Concentration (PNEC)**

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Alkyl dimethyl benzyl Ammonium Chloride 85409-23-0	0.415 μg/L	0.154 μg/L	0.0415 μg/L	0.154 μg/L	-
Diphenyl Oxide 101-84-8	0.000455 mg/L	0.00455 mg/L	0.0000455 mg/L	1	-
Ethyl Alcohol 64-17-5	0.38 g/kg food 0.96 mg/L	2.75 mg/L	0.38 g/kg food 0.79 mg/L	-	-
Citronellol 106-22-9	0.0024 mg/L	0.024 mg/L	0.00024 mg/L	-	-
Geraniol 106-24-1	0.0108 mg/L	0.108 mg/L	0.00108 mg/L	•	-
_Amines, C12-18- alkyldimethyl 68391-04-8	0.36 µg/L	0.36 µg/L	0.04 µg/L	-	-
2-(4-tert- butylbenzyl)propionaldehy de 80-54-6	0.004 mg/L	0.024 mg/L	0.0004 mg/L	-	-
Musk Ketone 81-14-1	0.244 μg/L	2.44 µg/L	24.4 ng/L	1	-
Linalool 78-70-6	7.8 mg/kg food 0.2 mg/L	2 mg/L	7.8 mg/kg food 0.02 mg/L	-	-
Hydroxycitronellal 107-75-5	31.6 µg/L	316 µg/L	3.16 µg/L	-	-
Benzyl Salicylate 118-58-1	52.7 mg/kg food 0.00103 mg/L	0.0103 mg/L	52.7 mg/kg food 0.000103 mg/L	-	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Alkyl dimethyl benzyl Ammonium Chloride 85409-23-0	6.81 mg/kg sediment dw	0.681 mg/kg sediment dw	210 µg/L	1.36 mg/kg soil dw	-
Diphenyl Oxide 101-84-8	0.0926 mg/kg sediment dw	0.00926 mg/kg sediment dw	10 mg/L	0.0183 mg/kg soil dw	-
Ethyl Alcohol 64-17-5	3.6 mg/kg sediment dw	2.9 mg/kg sediment dw	580 mg/L	0.63 mg/kg soil dw	-
Citronellol 106-22-9	0.0256 mg/kg sediment dw	0.00256 mg/kg sediment dw	580 mg/L	0.00371 mg/kg soil dw	-
Geraniol 106-24-1	0.115 mg/kg sediment dw	0.0115 mg/kg sediment dw	0.7 mg/L	0.0167 mg/kg soil dw	-
_Amines, C12-18- alkyldimethyl 68391-04-8	1.25 mg/kg sediment dw	0.125 mg/kg sediment dw	130 µg/L	0.841 mg/kg soil dw	-
2-(4-tert- butylbenzyl)propionaldehy de 80-54-6	0.528 mg/kg sediment dw	0.0528 mg/kg sediment dw	10 mg/L	0.103 mg/kg soil dw	-
Musk Ketone 81-14-1	61.8 µg/kg sediment dw	6.18 µg/kg sediment dw	10 mg/L	12.2 μg/kg soil dw	-
Linalool 78-70-6	2.22 mg/kg sediment dw	0.222 mg/kg sediment dw	10 mg/L	0.327 mg/kg soil dw	-
Hydroxycitronellal 107-75-5	0.145 mg/kg sediment dw	0.0145 mg/kg sediment dw	10 mg/L	0.0105 mg/kg soil dw	-
Benzyl Salicylate 118-58-1	0.583 mg/kg sediment dw	0.0583 mg/kg sediment dw	10 mg/L	1.41 mg/kg soil dw	-

# 8.2. Exposure controls

**Engineering controls** No information available.

**Personal Protective Equipment** 

**Eye/face protection** No special protective equipment required.

**Skin and body protection**No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** No information available.

# SECTION 9: Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

Physical stateLiquidAppearanceYellow liquidColourYellowOdourPleasant.

Odour Threshold No information available

Property Values Remarks • Method

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Melting point / freezing point 0 °C Initial boiling point and boiling 100 °C

range

Flammability (Solid, Gas) No data available

Flammability Limit in Air

Upper flammability or explosive No data available

imits

Lower flammability or explosive No data available

limits

Flash point None

Autoignition temperature No data available

**Decomposition temperature** 

**pH** 7.1

pH (as aqueous solution)

Kinematic viscosity

Dynamic viscosity

Water solubility

Solubility(ies)

Partition Coefficient

Vapour Pressure

No data available
No data available
No data available
No data available

Relative Density 0.99

Bulk Density No data available Liquid Density No data available

Relative vapour density

Particle characteristics

Particle Size No information available Particle Size Distribution No information available

~2

# 9.2. Other information

### 9.2.1. Information with regards to physical hazard classes

Not applicable

### 9.2.2. Other safety characteristics

No information available 1 (Water = 1)

# SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No information available.

10.2. Chemical stability

**Stability** Stable under normal conditions.

**Explosion data** 

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

# 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

# 10.4. Conditions to avoid

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Conditions to avoid

None known based on information supplied.

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10.5. Incompatible materials

**Incompatible materials**None known based on information supplied.

# 10.6. Hazardous decomposition products

Hazardous Decomposition Products None known based on information supplied.

# SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Information on likely routes of exposure

#### **Product Information**

**Inhalation** Do not inhale.

**Eye contact** Avoid contact with eyes.

**Skin contact** Avoid contact with skin and clothing.

**Ingestion** Do not ingest.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Please see section 4 of this SDS for symptoms.

### **Acute toxicity**

# **Numerical measures of toxicity**

No information available

# **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isopropyl Alcohol	4710 - 5840 mg/kg (Rat)	= 4059 mg/kg(Rabbit)	> 10000 ppm (Rat) 6 h

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Not classified.

Serious eye damage/eye irritation Not classified.

Respiratory or skin sensitisation Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Not classified.

Reproductive toxicity Not classified.

STOT - single exposure Not classified.

STOT - repeated exposure Not classified.

Aspiration hazard Not classified.

### 11.2. Information on other hazards

# 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

11.2.2. Other information

Other Adverse Effects No information available.

# SECTION 12: Ecological information

# 12.1. Toxicity

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude

the possibility that large or frequent spills can have a harmful or damaging effect on the

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environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
Isopropyl Alcohol	EC50: >1000mg/L (96h,	LC50: =9640mg/L (96h,	-	EC50: =13299mg/L (48h,
	Desmodesmus	Pimephales promelas)		Daphnia magna)
	subspicatus)	LC50: =11130mg/L (96h,		
	EC50: >1000mg/L (72h,	Pimephales promelas)		
	Desmodesmus	LC50: >1400000µg/L		
	subspicatus)	(96h, Lepomis		
		macrochirus)		

# 12.2. Persistence and degradability

Persistence/Degradability No information available.

# 12.3. Bioaccumulative potential

**Bioaccumulation** 

#### **Component Information**

Chemical name	Partition coefficient
Isopropyl Alcohol	0.05

#### 12.4. Mobility in soil

**Mobility in Soil** No information available.

#### 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment	
Isopropyl Alcohol	Not PBT/vPvB	

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

### 12.7. Other adverse effects

No information available.

# SECTION 13: Disposal considerations

# 13.1. Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

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environmental legislation.

Contaminated packaging Do not reuse empty containers.

# SECTION 14: Transport information

**IMDG** 

14.2 Proper Shipping Name Not regulated

<u>RID</u>

14.2 Proper Shipping Name Not regulated

<u>ADR</u>

14.2 Proper Shipping Name Not regulated

**IATA** 

**14.2 Proper Shipping Name** Not regulated

# SECTION 15: Regulatory information

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

# National regulations

### **France**

### Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
Isopropyl Alcohol	RG 84
67-63-0	

### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

# Authorisations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Isopropyl Alcohol - 67-63-0	75	-

### **Persistent Organic Pollutants**

Not applicable

# Ozone-depleting substances (ODS) regulation (EC) 2024/590

Not applicable

#### Biocidal Products Regulation (EU) No 528/2012 (BPR)

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
Isopropyl Alcohol - 67-63-0	Product-type 2: Disinfectants and algaecides not intended
	for direct application to humans or animals Product-type 4:
	Food and feed area Product-type 1: Human hygiene

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#### **International Inventories**

Chemical name	TSCA	DSL/NDSL	EINECS/ELIN CS	PICCS	ENCS	IECSC	AIIC	KECL
Isopropyl Alcohol 67-63-0 ( 0.1-1 )	Х	Х	X	Х	Х	Х	Х	Х

#### **International Inventories**

**TSCA** Contact supplier for inventory compliance status Contact supplier for inventory compliance status **DSL/NDSL EINECS/ELINCS** Contact supplier for inventory compliance status Contact supplier for inventory compliance status **ENCS IECSC** Contact supplier for inventory compliance status **KECL** Contact supplier for inventory compliance status Contact supplier for inventory compliance status **PICCS** Contact supplier for inventory compliance status AIIC **NZIoC** Contact supplier for inventory compliance status

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

#### 15.2. Chemical safety assessment

Chemical Safety Report No information available

# SECTION 16: Other information

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

### Full text of any hazard and/or precautionary statements referred to under Sections 2-15

H225 - Highly flammable liquid and vapour

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

#### Legend

SVHC: Substances of Very High Concern for Authorisation:

# Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value \* Skin designation

+ Sensitisers

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	On basis of test data
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Chronic aquatic toxicity	Calculation method
Acute aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

#### Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA RAC)

European Chemicals Agency (ECHA) (ECHA API)

U.S. Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan National Institute of Technology and Evaluation (NITE)

Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

U.S. National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set

United Nations World Health Organization (WHO)

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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Disclaimer

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**End of Safety Data Sheet**