

SAFETY DATA SHEET



ODOURTAK SV CITRUS

ACTICHEM PTY LTD

Catalogue number: AP527

Version No: 2.2

Issue date: 07/07/2022

Safety Data Sheet according to WHS and ADG requirements

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

Product Identifier

Product name	ODOURTAK SV CITRUS
Product code	AP527
Pack sizes	1L & 5L

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

Relevant identified uses	Odour neutralizing concentrate for thermal fogging applications
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Details of the manufacturer/importer

Registered company name	ACTICHEM PTY LTD
Address	11 Gamma Close, Beresfield 2322 NSW Australia
Telephone	(02) 4966 5516
Website	www.actichem.com.au
Email	info@actichem.com.au

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 1126
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule	Not Applicable
GHS Classification	Eye Irritation Category 2A, Sensitisation (Skin) Category 1, Aspiration Hazard Category 1. <i>Classification drawn from HCIS and ECHA Inventory.</i>

Label elements

Hazard pictograms	
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SIGNAL WORD	DANGER
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Hazard statement(s)

H319	Causes serious eye irritation
H317	May cause an allergic skin reaction
H304	May be fatal if swallowed and enters airways.

Precautionary statement(s) Prevention

P280	Wear protective gloves and eye protection/face protection.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.

Precautionary statement(s) Response

P302+P352+P333+P313	IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs, get medical advice / attention.
P305+P351+P338+P337+P313	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention
P301+P310+P331	IF SWALLOWED: Immediately call a POISON CENTRE or doctor. Do NOT induce vomiting.
P370+P378	In case of fire: Use alcohol resistant foam or normal protein foam for extinction.
P363	Wash contaminated clothing before reuse.

Precautionary statement(s) Storage

P405	Store locked up.
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Precautionary statement(s) Disposal

P501	Dispose of contents / container in accordance with local government regulations
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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures.

Mixtures

CAS No	%[weight]	Name
67-63-0	<10	<u>isopropanol</u>
8000-48-4	<10	<u>eucalyptus oil</u>
Trade secret	<10	<u>proprietary fragrance A</u>
Trade secret	<10	<u>proprietary fragrance B</u>
64742-47-8	>60	<u>distillates (petroleum), hydrotreated light</u>

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	<p>If this product comes in contact with the eyes:</p> <p>Wash out immediately with fresh running water.</p> <p>Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</p> <p>If pain persists or recurs seek medical attention.</p> <p>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</p>
Skin Contact	<p>If skin contact occurs:</p> <p>Immediately remove all contaminated clothing, including footwear.</p> <p>Flush skin and hair with running water (and soap if available).</p> <p>Seek medical attention in event of irritation.</p>
Inhalation	<p>If vapours or spray are inhaled remove from contaminated area into fresh air.</p> <p>If breathing is difficult obtain medical advice/attention without delay.</p>
Ingestion	<p>DO NOT induce vomiting.</p> <p>Seek medical advice/attention without delay.</p> <p>Immediately give a glass of water.</p>

Indication of any immediate medical attention and special treatment needed.

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media	Use alcohol resistant foam or normal protein foam for extinction
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Special hazards arising from the substrate or mixture.

Fire incompatibilities	Avoid contamination with oxidising agents
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Advice for firefighters

Fire fighting	<p>Alert Fire Brigade and tell them location and nature of hazard.</p> <p>May be violently or explosively reactive.</p> <p>Wear breathing apparatus plus protective gloves in the event of a fire.</p> <p>Prevent, by any means available, spillage from entering drains or water course.</p> <p>Consider evacuation (or protect in place).</p> <p>Fight fire from a safe distance, with adequate cover.</p> <p>If safe, switch off electrical equipment until vapour fire hazard removed.</p> <p>Use water delivered as a fine spray to control the fire and cool adjacent area.</p> <p>Avoid spraying water onto liquid pools.</p> <p>Do not approach containers suspected to be hot..</p>
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Fire/Explosion Hazard	<p>Contains low boiling substance: Closed containers may rupture due to pressure buildup under fire conditions. Liquid and vapour are highly flammable. Severe fire hazard when exposed to heat, flame and/or oxidisers. Vapour may travel a considerable distance to source of ignition. Heating may cause expansion or decomposition leading to violent rupture of containers. On combustion, may emit toxic fumes of carbon monoxide (CO), carbon dioxide (CO₂) and other pyrolysis products typical of burning organic material</p>
HAZCHEM	3Y

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	<p>Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal.</p>
Major Spills	<p>Wear eye protection plus protective gloves. Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle.</p>
PPE	Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	<p>Wear respiratory protection and eye protection when risk of exposure occurs. Use in a well-ventilated area. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers.</p>
Other information	

Conditions for safe storage, including any incompatibilities.

Suitable container	<p>Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.</p>
Storage incompatibility	Avoid reaction with oxidising agents

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA


Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	isopropanol	Isopropyl alcohol	683 mg/m ³ / 400 ppm	1230 mg/m ³ / 500 ppm	Not Available	Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3
isopropanol	Isopropyl alcohol	400 ppm	400 ppm	12,000 ppm

Ingredient	Original IDLH	Revised IDLH
isopropanol	12,000 ppm	2,000 [LEL] ppm

Exposure controls

Appropriate engineering controls	<p>Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate. If ventilation is poor, then the use of a local exhaust ventilation system is recommended</p>
Personal protection	
Eye and face protection	<p>Safety glasses with side shields OR Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Lens should be removed at the first signs of eye redness or irritation. Lens should be removed in a clean environment only after workers have washed hands thoroughly.</p>
Skin protection	See Hand protection below
Hands/feet protection	It is good practice to wear protective gloves when handling chemicals. Neoprene gloves are recommended for this application.
Body protection	See Other protection below
Other protection	Eye wash unit.
Thermal hazards	Not Available

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Clear liquid		
Physical state	Liquid	Relative density (Water = 1)	Not Available
Odour	Strongly fragrant	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not applicable	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Available
Flash point (°C)	>90°C	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Flammable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Complete	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	The material is not thought to produce adverse health effects of the respiratory tract
Ingestion	No harmful effects are anticipated from the accidental ingestion of the material.
Skin Contact	The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
Eye	This material can cause eye irritation in some persons. Eye contact may cause tearing or blurring of vision.
Chronic	No relative data is listed.

Toxicological effects of ingredients

isopropanol	Acute toxicity	Oral LD50 (rat) 5045 – 5840 mg/kg Dermal LD50 (rabbit) 12800 mg/kg Inhalation LC50 (rat) 16000 ppm/8h
	Skin corrosion/irritation	May be irritating to skin
	Eye damage/irritation	Causes serious eye irritation
	Respiratory/skin sensitization	Not expected to be a sensitizer
	Germ cell mutagenicity	Not considered to be a mutagenic hazard
	Carcinogenicity	Not considered to be a carcinogenic hazard.
	Reproductive toxicity	Not considered to be toxic to reproduction
	STOT (single exposure)	May cause drowsiness or dizziness
	STOT (repeated exposure)	Not expected to cause toxicity to a specific organ
	Aspiration toxicity	Not expected to be an aspiration hazard

proprietary fragrance A	Acute toxicity	Oral ATE 1875 mg/kg
	Skin corrosion/irritation	Causes skin irritation
	Eye damage/irritation	Causes serious eye irritation
	Respiratory/skin sensitization	May cause an allergic skin reaction
	Germ cell mutagenicity	No mutagenic component identified
	Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed carcinogen by IARC or is identified as a known or anticipated carcinogen by NTP or is identified as a carcinogen or potential carcinogen by OSHA
	Reproductive toxicity	Possible reproductive hazard
	STOT (single exposure)	May cause respiratory irritation.
	STOT (repeated exposure)	May cause damage to organs through prolonged or repeated exposure
	Aspiration toxicity	Not classified.
eucalyptus oil	Acute toxicity	Oral LD50 (rat) 2480 mg/kg Dermal LD50 (rabbit) 2480 mg/kg
	Skin corrosion/irritation	Moderate irritant (rabbit).
	Eye damage/irritation	No information available
	Respiratory/skin sensitization	skin sensitiser.
	Germ cell mutagenicity	No information available
	Carcinogenicity	No information available
	Reproductive toxicity	No information available
	STOT (single exposure)	No information available
	STOT (repeated exposure)	No information available
	Aspiration toxicity	May be fatal if swallowed and enters airways.
distillates (petroleum), hydrotreated light	Acute toxicity	Oral LD50: > 5000 mg/kg Dermal TCLo: LC50 > 5000 mg/m3
	Skin corrosion/irritation	This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking.
	Eye damage/irritation	This product is irritating to eyes but will not permanently damage the eye tissue.
	Respiratory/skin sensitization	No data available
	Germ cell mutagenicity	No data available
	Carcinogenicity	No data available
	Reproductive toxicity	No data available
	STOT (single exposure)	No data available
	STOT (repeated exposure)	No data available
	Aspiration toxicity	If material is ingested and enters the airways it may be fatal
proprietary fragrance B	Acute toxicity	Oral LD50 (rat) 4400 mg/kg Dermal LD50 (rabbit) >2000 mg/kg
	Skin corrosion/irritation	No available data
	Eye damage/irritation	Severe irritant
	Respiratory/skin sensitization	Not a sensitiser
	Germ cell mutagenicity	Not mutagenic as determined by the Ames test Micronucleus Assay OECD 474
	Carcinogenicity	The components of this product are not listed by agencies tracking the carcinogenic potential of chemical compounds e.g. IARC, NTP, OSHA
	Reproductive toxicity	The components of this product are not reported to produce reproductive effects in humans
	STOT (single exposure)	No available data
	STOT (repeated exposure)	With repeated exposure this product may cause damage to the following organs: Blood, skin, central nervous system
	Aspiration toxicity	No available data

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

	Endpoint	Duration (Hr.)	Species	Value
isopropanol	LC50	96	Fish	9-640mg/L
	EC50	48	Crustacea	12500mg/L
	EC50	72	Algae or other aquatic plants	>1000mg/L
	EC0	24	Crustacea	5-102mg/L
	NOEC	504	Crustacea	=30mg/L

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
isopropanol	LOW (Half-life = 14 days)	LOW (Half-life = 3 days)

Bio accumulative potential

Ingredient	Bioaccumulation
isopropanol	LOW (BCF = 130)

Mobility in soil

Ingredient	Mobility
isopropanol	HIGH (KOC = 1.06)

SECTION 13 DISPOSAL CONSIDERATIONS**Waste treatment methods**

Product / packaging disposal	Recycle containers whenever possible. Product residues and containers should be disposed of in accordance with local government regulations
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SECTION 14 TRANSPORT INFORMATION**Labels Required**

Marine Pollutant	NO
HAZCHEM	3Y

Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

SECTION 15 REGULATORY INFORMATION**Safety, health and environmental regulations / legislation specific for the substance or mixture****ISOPROPANOL IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals
Australian Inventory of Industrial Chemicals (AIIC)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

EUCALYPTUS OIL IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6
Australian Inventory of Industrial Chemicals (AIIC)

DISTILLATES, PETROLEUM, LIGHT, HYDROTREATED IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals
Australian Inventory of Industrial Chemicals (AIIC)
Chemical Footprint Project - Chemicals of High Concern List
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans

Ingredient	Persistence: Water/Soil	Persistence: Air
isopropanol	LOW (Half-life = 14 days)	LOW (Half-life = 3 days)

Bio accumulative potential

Ingredient	Bioaccumulation
isopropanol	LOW (BCF = 130)

Mobility in soil

Ingredient	Mobility
isopropanol	HIGH (KOC = 1.06)

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Marine Pollutant	NO
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Australian Inventory of Industrial Chemicals (AIIC)

SECTION 16 OTHER INFORMATION

Revision Schedule

Revision Date	07/07/2022
Initial Date	01/10/2019

SDS Version Summary

Version	Issue Date	Sections Updated
2.1	28/06/2021	Sections 2, 3, 11, 12, 15, 16 have been updated or corrected
2.2	07/07/2022	Section 2, 4.

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&L Chemical Inventory, HSNO (CCID) New Zealand, AICIS and HCIS Australia

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Definitions and abbreviations

PC-TWA;	Permissible Concentration-Time Weighted Average
PC-STEL;	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Government Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit
IDLH:	Immediate Danger to Life or Health Concentrations
OSF:	Odour Safety Factor
NOAEL:	No Observed Effects Level
TLV:	Threshold Limit Value
LOD:	Limit Of Detection
OTV:	Odour Threshold Value
BCF:	Bio Concentration Factors
BEI:	Biological Exposure Index

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End of SDS