SAFETY DATA SHEET

DEOSTOR FIRE
CITRUS

ACTICHEM PTY LTD

Product code: **AP521.05**
Version No: **2.3**
Issue date: **29/09/2025**
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	DEOSTOR FIRE CITRUS
Product code	AP521.05
Pack sizes	1L & 5L
UN proper shipping name	FLAMMABLE LIQUID N.O.S. (Contains Ethanol and Isopropanol)

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

Relevant identified uses	Odour neutralizing concentrate

Details of the manufacturer/importer

Registered company name	ACTICHEM PTY LTD	CLEANING SYSTEMS LTD
Address	11 Gamma Close, Beresfield 2322 NSW Australia	41B TRUGOOD DRIVE, EAST TAMAKI, AKLD 2013, NZ
Telephone	(02) 4966 5516	0800 100 117 | +64 9 579 4114
Website	www.actichem.com.au	www.cleaningsystems.co.nz
Email	info@actichem.com.au	sales@cleaningsystems.co.nz

Emergency telephone number

Association / Organisation	NATIONAL POISONS CENTRE
Emergency telephone numbers	0800-764-766 (0800 POISON)
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. 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. Flammable Liquid Category 3
	Classification drawn from HCIS and ECHA Inventory and Supplier'sSDSs.

Label elements

Hazard pictograms	
SIGNAL WORD	**WARNING**

Hazard statement(s)

H226	Flammable liquid and vapour
H319	Causes serious eye irritation
H317	May cause an allergic skin reaction

This SDS and the hazard classifications contained herein only apply to the product in its concentrated form as supplied. When diluted to 1:25 or more the solution becomes non-hazardous. However, good hygiene and housekeeping practices should be adhered to

Precautionary statement(s) Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P233	Keep container tightly closed.
P240	Ground/Bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves and eye protection
P261	Avoid breathing mists/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace

Precautionary statement(s) Response

P303+P361+P353+P333+P313	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. 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.
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

P403+P235	Store in a well-ventilated place. Keep cool.

Precautionary statement(s) Disposal

P501	Dispose of contents / container in accordance with local government regulations

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures.

Mixtures

CAS No	%[weight]	Name
67-63-0	10 - <30	isopropanol
64-17-5	10 - <30	ethanol-;
Trade secret	<10	proprietary fragrance A
Trade secret	<10	proprietary fragrance B
57-55-6	10 - <30	propylene glycol

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	If this product comes in contact with the eyes: Seek medical attention without delay. Wash out immediately with fresh running water. 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. If pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
Inhalation	If vapours or spray are inhaled remove from contaminated area into fresh air. If breathing is difficult obtain medical advice/attention without delay.
Ingestion	Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

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

Special hazards arising from the substrate or mixture.

Fire incompatibilities	Avoid contamination with oxidising agents

Advice for firefighters

Fire fighting	Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water course. Fight fire from a safe distance, with adequate cover. If safe, switch off electrical equipment until vapour fire hazard removed. Use water delivered as a fine spray to control the fire and cool adjacent area. Avoid spraying water onto liquid pools. **Do not** approach containers suspected to be hot..
Fire/Explosion Hazard	**Contains low boiling substance:** Closed containers may rupture due to pressure buildup under fire conditions. Liquid and vapour are highly flammable. 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 (CO_2) and other pyrolysis products typical of burning organic material
HAZCHEM	3Y

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Minor Spills	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.
Major Spills	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.
PPE	Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Safe handling	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.
Other information	

Conditions for safe storage, including any incompatibilities.

Suitable container	Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.
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/m3 / 400 ppm	1230 mg/m3 / 500 ppm	Not Available	Not Available
Australia Exposure Standards	ethanol, denatured	Ethyl alcohol	1880 mg/m3 / 1000 ppm	Not Available	Not Available	Not Available
Australia Exposure Standards	Propylene glycol	Propane-1,2-diol	474 mg/m3/150ppm	Not Available	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
ethanol, denatured	Ethyl alcohol	Not available	Not available	Not available

Ingredient	Original IDLH	Revised IDLH
isopropanol	12,000 ppm	2,000 [LEL] ppm
ethanol, denatured	15.000 ppm	3,3000[LEL] ppm

Exposure controls

Appropriate engineering controls	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
Personal protection	
Eye and face protection	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.
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)	7 - 8	**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)	>23°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	The material has **NOT** been classified by EC Directives or other classification systems as 'harmful by ingestion'.
Skin Contact	Skin contact may produce an allergic skin reaction
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
ethanol	Acute toxicity	Oral LD50 (mouse) 3450 mg/kg Inhalation LC50 (rat) 2000 ppm/10hrs
	Skin corrosion/irritation	Irritating to skin. Prolonged contact may result in drying and defatting of the skin, rash and dermatitis.
	Eye damage/irritation	Irritating to eyes. Exposure may result in lacrimation, irritation, pain and redness
	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)	Chronic ingestion may result in cirrhosis of the liver
	Aspiration toxicity	No Data Available
propylene glycol	Acute toxicity	Oral LD50 (rat) >20000 mg/kg Dermal LD50 (rabbit) >2000 mg/kg Inhalation LC50 (rabbit) >20 mg/L/4hr
	Skin corrosion/irritation	May be irritating
	Eye damage/irritation	May be an eye irritant
	Respiratory/skin sensitization	No data available
	Germ cell mutagenicity	Not mutagenic
	Carcinogenicity	Non-carcinogenic based on animal studies
	Reproductive toxicity	No reproductive or developmental effects.
	STOT (single exposure)	May cause respiratory irritation
	STOT (repeated exposure)	High doses in diet showed a decrease in red blood cells survival rate
	Aspiration toxicity	Not classified
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.
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 OEDC 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

ethanol, denatured	LC50	96	Fish	42-mg/L
	EC50	48	Crustacea	2-mg/L
	EC50	96	Algae or other aquatic plants	-8.358-26.503mg/L
	EC10	168	Algae or other aquatic plants	1.91-mg/L
	NOEC	2016	Fish	0.000375-mg/L
propylene glycol	EC50	48h	Crustacea	>0.342mg/L
	LC50	96h	Fish	>10000mg/l
	EC50	96h	Algae or other aquatic plants	19000mg/l
	NOEC(ECx)	336h	Algae or other aquatic plants	<5300mg/l

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
isopropanol	LOW (Half-life = 14 days)	LOW (Half-life = 3 days)
ethanol	LOW (Half-life = 2.17 days)	LOW (Half-life = 5.08 days)
propylene glycol	LOW	LOW

Bio accumulative potential

Ingredient	Bioaccumulation
isopropanol	LOW (BCF = 130)
ethanol	LOW (LogKOW = -0.31)
propylene glycol	LOW (BCF = 1)

Mobility in soil

Ingredient	Mobility
isopropanol	HIGH (KOC = 1.06)
ethanol	HIGH (KOC = 1)
propylene glycol	HIGH (KOC = 1)

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

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	3Y

Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS IN PACK SIZES OF 5L OR LESS

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

ETHANOL, DENATURED IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals
Australian Inventory of Industrial Chemicals (AIIC)

PROPYLENE GLYCOL IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5
Australian Inventory of Industrial Chemicals (AIIC)

PROPRIETARY FRAGRANCE A - ALL THE COMPONENTS ARE LISTED OR EXEMPT IN THE FOLLOWING REGULATORY LIST

Australian Inventory of Industrial Chemicals (AIIC)
Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

PROPRIETARY FRAGRANCE B - ALL THE COMPONENTS ARE LISTED OR EXEMPT IN THE FOLLOWING REGULATORY LIST

Australian Inventory of Industrial Chemicals (AIIC)

SECTION 16 OTHER INFORMATION

Revision Schedule

Revision Date	29/09/2025
Initial Date	01/10/2019

SDS Version Summary

Version	Issue Date	Sections Updated
2.1	11/05/2021	Sections 2, 3, 11, 12, 15, 16 have been updated or corrected
2.2	08/07/2022	Section 2
2.3	29/09/2025	Section 2, 5, 15.

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