

Safety Data Sheet



1. Identification

1.1 Product identifier.

Product identifier. 115970 /
Product name. Thermo 55 Cherry
Pure substance/mixture. No Information

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

Recommended Use. Professional Deodorizer
Uses advised against. Professional Use Only

1.3 Details of the supplier of the safety data sheet.

Supplier. Legend Brands
15180 Josh Wilson Road
Burlington, WA 98233
800-932-3030

Distributor 41b Trugood Drive, East Tamaki, Auckland, NZ 2013
Tollfree in NZ: 0800100117 (Business Hours)
International: +64 9 579-4114
Fax: +64 9 579-4115
www.cleaningsystems.co.nz

1.4 Emergency telephone number.

New Zealand Poison Control 0800 764-766

2. Hazards Identification

2.1 Classification of the substance or mixture.

Flammable Liquid, category 4
Hazardous to the aquatic environment, Acute, category 3
Skin Sensitizer, category 1

2.2 Label elements.



Signal Word

Warning

Named Chemicals On Label

BENZALDEHYDE

Possible Hazards

1.6% of the mixture consists of ingredient(s) of unknown acute toxicity

1.6% of the mixture consists of ingredient(s) of unknown acute dermal toxicity
 1.6% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

GHS HAZARD STATEMENTS

Flammable Liquid, category 4	H227	Combustible liquid.
Hazardous to the aquatic environment, Acute, category 3	H402	Harmful to aquatic life.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use carbon dioxide to extinguish.
P391	Collect spillage.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to an approved waste disposal plant.

2.3 Other hazards

EMERGENCY OVERVIEW: No Information

3. Composition/Information on Ingredients**3.1 Substances.**

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures.

CAS-No.	EINECS No.	Wt. %	Chemical Name	GHS Statements	GHS Classifications
64742-47-8	265-149-8	75-100	Distillates, petroleum, hydrotreated light	No Information	No Information
100-52-7	202-860-4	2.5-10	BENZALDEHYDE	H226-302-312-316-317-319-401	Acute Tox. 4 Dermal- Acute Tox. 4 Oral- Aquatic Acute 2-Eye Irrit. 2A- Flam. Liq. 3- Skin Irrit. 3- Skin Sens. 1
628-63-7	211-047-3	1.0-2.5	AMYL ACETATE	H226-316-319-402	Aquatic Acute 3- Eye Irrit. 2A- Flam. Liq. 3- Skin Irrit. 3

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. First-aid Measures**4.1 Description of first-aid measures.****General advice.**

Call a physician if irritation develops or persists. Show this safety data sheet to the doctor in attendance.
 When symptoms persist or in all cases of doubt seek medical advice.

Inhalation.

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

Skin contact.

If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Call a physician if irritation develops or persists. Remove contact lenses, if present.

Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately. Gently wipe or rinse the inside of the mouth with water.

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

Symptoms

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

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

Notes to physician

Treat symptomatically.

5. Fire-fighting Measures

5.1 Extinguishing media.

Suitable extinguishing media.

Water spray. Foam. Dry powder. Dry chemical. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Carbon dioxide (CO₂).

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

5.2 Special hazards arising from the substance or mixture.

Hazardous decomposition products formed under fire conditions. Flash back possible over considerable distance.

5.3 Advice for firefighters.

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures.

Personal precautions.

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders.

Remove all sources of ignition. Use personal protection recommended in Section 8.

6.2 Environmental precautions.

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. 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. Pick up and transfer to properly labeled containers. Use personal protective equipment. Remove all sources of ignition.

Methods for cleaning up.

Use personal protective equipment as required.

6.4. Reference to other sections

No Information

7. Handling and Storage

7.1. Precautions for safe handling

Advice on safe handling.

Handle in accordance with good industrial hygiene and safety practice. Keep away from sources of ignition - No smoking.

Hygiene measures.

See section 7 for more information.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions.

Keep containers tightly closed in a cool, well-ventilated place. Store in original container.

7.3 Specific end use(s)

Specific use(s)

No Information

Exposure scenario

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters**Exposure Limit Values**

No hazardous items exist

8.2 Exposure controls**Derived No Effect Level (DNEL)**

No information available

Predicted No Effect Concentration (PNEC)

No information available

Engineering Measures.

Showers, eyewash stations, and ventilation systems.

Personal protective equipment.**Eye/Face Protection.**

Safety glasses with side-shields.

Hand Protection.

Wear suitable protective clothing.

Skin and body protection.

No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures.

See section 7 for more information.

Environmental Exposure Controls.

No Information

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties.

Physical state	Liquid
Appearance	transparent
Color	Colorless
Odor	Cherry
Odor Threshold	No Information
pH	No Information
Melting point / freezing point (°C)	No Information
Flash Point, (°C)	68
Boiling point/range (°C)	149 - 575
Evaporation rate	No Information
Combustibility:	Does not Support Combustion
Upper/lower flammability or explosive limits	No Information
Vapour Pressure	No Information
Vapour density	No Information

Specific Gravity (g/cm ³)	0.790
Solubility in / Miscibility with Water	Insoluble in water
Partition Coefficient: n-octanol/water	No Information
Auto-Ignition Temperature (°C)	No Information
Decomposition temperature (°C)	No Information
Viscosity	No Information

9.2 Other information.

Volatile Organic Compounds (VOC) content	No Information
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(See section 16 for abbreviation legend)

10. Stability and Reactivity

10.1 Reactivity.

Stable under normal conditions.

10.2 Chemical stability.

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions.

None known based on information supplied.

10.4 Conditions to Avoid.

Strong oxidizing agents.

10.5 Incompatible Materials.

None known based on information supplied.

10.6 Hazardous Decomposition Products.Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

11. Toxicological Information

11.1 Information on toxicological effects**Acute Toxicity****Product Information**

The acute effects of this product have not been tested. Data on individual components are tabulated below.

The following values are calculated based on chapter 3.1 Of the GHS document

ATEmix (oral)	32,612.3 mg/kg
ATEmix (dermal)	31,552.2 mg/kg

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>LD50 Oral</u>	<u>LD50 Dermal</u>	<u>LC50 Inhalation</u>
100-52-7	BENZALDEHYDE	1292 mg/kg Rat	>1250 mg/kg Rabbit	N.I.
628-63-7	AMYL ACETATE	6500 mg/kg Rat	N.I.	N.I.

N.I. = No Information

Skin corrosion/irritation.

SKIN IRRITANT.

Eye damage/irritation.

No Information

Respiratory or skin sensitization.

No Information

Ingestion.

No Information

Germ cell mutagenicity.

No Information

Carcinogenicity.

No Information

Reproductive toxicity.

No Information

Specific target organ systemic toxicity (single exposure).

No Information

Specific target organ systemic toxicity (repeated exposure).

No Information

Aspiration hazard.

Aspiration hazard if swallowed - can enter lungs and cause damage.

Primary Route(s) of Entry

No Information

12. Ecological Information

12.1 Toxicity

0.00% of the mixture consists of ingredient(s) of unknown aquatic toxicity

Ecotoxicity Effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Distillates, petroleum, hydrotreated light 64742-47-8	-	LC50 96 h Pimephales promelas 45 mg/L, LC50 96 h Lepomis macrochirus 2.2 mg/L, LC50 96 h Oncorhynchus mykiss 2.4 mg/L	-
BENZALDEHYDE 100-52-7	-	LC50 96 h Oncorhynchus mykiss 10.6 - 11.8 mg/L, LC50 96 h Oncorhynchus mykiss 12.69 mg/L, LC50 96 h Lepomis macrochirus 0.8 - 1.44 mg/L, LC50 96 h Pimephales promelas 6.8 - 8.53 mg/L, LC50 96 h Lepomis macrochirus 7.5 mg/L	-
AMYL ACETATE 628-63-7	-	LC50 96 h Lepomis macrochirus 650 mg/L	-

12.2. Persistence and degradability.

No data are available on the product itself..

12.3. Bioaccumulative potential.

Discharge into the environment must be avoided.

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Bio. Conc. Factor (BCF)</u>	<u>Octanol-water par. Coeff (KOW)</u>
64742-47-8	Distillates, petroleum, hydrotreated light	61 - 159 (species: fish)	N.I.
100-52-7	BENZALDEHYDE	N.I.	1.4

12.4 Mobility in soil.**Mobility in soil.**

No information available

Mobility

No information available

12.5 Results of PBT and vPvB assessment.

No data are available on the product itself.

12.6 Other adverse effects.

No information available

13. Disposal Considerations

13.1 Waste treatment methods.**Waste from residues / unused products**

Dispose of as special waste in compliance with local and national regulations.

14. Transport Information

ADR

14.1 UN number:	No Information
14.2 UN proper shipping name:	Not Regulated
14.3 Transport hazard class(es):	No Information

14.4 Packing group:	No Information
14.5 Environmental hazards:	No Information
14.6 Special precautions for user:	No Information

IMDG

14.1 UN number:	No Information
14.2 UN proper shipping name:	Not Regulated
14.3 Transport hazard class(es):	No Information
14.4 Packing group:	No Information
14.5 Environmental hazards	
Marine pollutant:	No Information
Environmental hazards:	No Information
14.6 Special precautions for user:	No Information
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	No Information

IATA

14.1 UN number:	No Information
14.2 UN proper shipping name:	Not Regulated
14.3 Transport hazard class(es):	No Information
14.4 Packing group:	No Information
14.5 Environmental hazards:	No Information
14.6 Special precautions for user:	No Information

15. Regulatory Information**15.1 Safety, health and environmental regulations/legislation for the substance or mixture:****International Inventories**

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	-
IECSC	Complies
KECI	Complies
PICCS	Complies
AIIC	Complies
NZIoC	Complies

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian 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 and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AIIC	Australian Inventory of Chemical Substances.
NZIoC	New Zealand Inventory of Chemicals.
EPA Approval Code	HSR001395

Additional Information

Additional Information - Sxn 15: No Information

15.2 Chemical Safety Assessment

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

16. Other Information

Revision Date	8/21/2025	Supersedes Date	8/5/2022
Reason for revision	Revision Description Changed Product Composition Changed Substance and/or Product Properties Changed in Section(s): 01 - Product Information 02 - Hazards Identification 03 - Composition/Information on Ingredients 08 - Exposure Controls/Personal Protection 09 - Physical & Chemical Information 11 - Toxicological Information 12 - Ecological Information Substance Chemical Name Changed Revision Statement(s) Changed		
Datasheet produced by	Regulatory Department		

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H401	Toxic to aquatic life.
H402	Harmful to aquatic life.

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined