



Safety Data Sheet

Page 1 of 7

TANGIT KS DOSE

SDS No. : 41928

V001.1

Date of issue: 24.07.2020

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: TANGIT KS DOSE

Intended use: cleaning tissue

Supplier:
Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture

Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

Hazard Class

Flammable solids
Serious eye irritation

Hazard Category

Category 1
Category 2A

Hazard pictogram:



Signal word:

Danger

Hazard statement(s):

H228 Flammable solid.
H319 Causes serious eye irritation.

Precautionary Statement(s):

Prevention:

P210 Keep away from heat/sparks/open flames. - No smoking.
P240 Ground/bond container and receiving equipment.
P264 Wash hands thoroughly after handling.
P280 Wear eye protection/face protection.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use water spray (fog), foam, dry chemical or carbon dioxide to extinguish.

Dangerous Goods information:

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Section 3. Composition / information on ingredients

General chemical description: Mixture
Type of preparation: Cleaner

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Ethanol	64-17-5	60- < 100 %
non hazardous ingredients-		< 40 %

Section 4. First aid measures

Ingestion: Do not induce vomiting.
Have victim rinse mouth thoroughly with water.
Seek medical advice.

Skin: Rinse with running water and soap.
In case of adverse health effects seek medical advice.

Eyes: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical advice.

Inhalation: Move to fresh air.
Keep warm and in a quiet place.
If adverse health effects develop seek medical attention.

First Aid facilities: Eye wash
Normal washroom facilities

Medical attention and special treatment: Treat symptomatically.

Section 5. Fire fighting measures

Suitable extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Improper extinguishing media: High pressure waterjet

Decomposition products in case of fire: Thermal decomposition can lead to release of irritating gases and vapors.
Carbon monoxide.
Carbon dioxide.

Particular danger in case of fire: WARNING FLAMMABLE!
Vapors may form explosive mixtures with air.

Special protective equipment for fire-fighters: Wear full protective clothing.
Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

Additional fire fighting advice: Cool endangered containers with water spray jet.

Hazchem code: 1Z

Section 6. Accidental release measures

- Personal precautions:** Ensure adequate ventilation.
Keep away from sources of ignition and naked flames.
Wear appropriate personal protective equipment.
- Environmental precautions:** Do not empty into drains / surface water / ground water.
- Clean-up methods:** Remove mechanically.
Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

- Precautions for safe handling:** Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains.
Take measures to prevent the build-up of electrostatic charges.
Wear suitable protective clothing, gloves and eye/face protection.
- Conditions for safe storage:** Store in sealed original container.
Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
Do not expose to direct sunlight.
Store protected from heat influence.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m ³)	Peak Limit. (ppm)	Peak Limit. (mg/m ³)	STEL (ppm)	STEL (mg/m ³)
ETHYL ALCOHOL 64-17-5		1,000	1,880				

- Engineering controls:** Ensure good ventilation/suction at the workplace.
- Eye protection:** Protective goggles
- Skin protection:** Wear suitable protective clothing.
Suitable protective gloves.
Nitrile rubber gloves should be worn.
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
- Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.
- General protection measures:** Use only in well-ventilated areas.

Section 9. Physical and chemical properties

- Appearance:** white
thin
- Odor:** alcohol-like
- Boiling point:** 78.0 °C (172.4 °F)
- Flash point:** 12 °C (53.6 °F)
(no method)
- Lower explosive limit:** 1.5 %(V)

Upper explosive limit: 15 %(V)
Solubility in water: Partially miscible (20 °C)

Section 10. Stability and reactivity

Stability: Stable under recommended storage conditions.

Conditions to avoid: Heat, flames, sparks and other sources of ignition.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors.
Carbon monoxide.
Carbon dioxide.

Hazardous polymerization: Will not occur.

Section 11. Toxicological information

Health Effects:

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin: May cause mild skin irritation.

Eyes: Causes serious eye irritation.
Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Inhalation: Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Ethanol 64-17-5	LD50 LC50 LD50	10,470 mg/kg 124.7 mg/l > 2,000 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Ethanol 64-17-5	not irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Ethanol 64-17-5	irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Ethanol 64-17-5	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Ethanol 64-17-5	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Ethanol 64-17-5	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Ethanol 64-17-5	negative				OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Ethanol 64-17-5	LC50	14,200 mg/l	Fish	96 h	Pimephales promelas	EPA-660 (Methods for Acute Toxicity Tests with Fish, Macroinvertebrates and Amphibians)
Ethanol 64-17-5	NOEC	250 mg/l	Fish	120 h	Danio rerio	OECD Guideline 212 (Fish, Short-term Toxicity Test on Embryo and Sac-Fry Stages)
Ethanol 64-17-5	EC50	5,012 mg/l	Daphnia	48 h	Ceriodaphnia dubia	other guideline:
Ethanol 64-17-5	EC50	275 mg/l	Algae	72 h	Chlorella vulgaris	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanol 64-17-5	EC10	11.5 mg/l	Algae	72 h	Chlorella vulgaris	OECD Guideline 201 (Alga, Growth Inhibition Test)
Ethanol 64-17-5	IC50	> 1,000 mg/l	Bacteria	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
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Ethanol 64-17-5	readily biodegradable	aerobic	80 - 85 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
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Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Ethanol 64-17-5	-0.35				24 °C	not specified

Section 13. Disposal considerations

Waste disposal of product: Dispose of waste and residues in accordance with local authority requirements.

Disposal for uncleaned package: Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

Section 14. Transport information

Road and Rail Transport:

Dangerous Goods information: Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

UN no.: 3175

Proper shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)

Class or division: 4.1

Packing group: II

Hazchem code: 1Z

Emergency information: Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.

Marine transport IMDG:

UN no.: 3175

Proper shipping name: SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Ethanol)

Class or division: 4.1

Packing group: II

EmS: F-A ,S-I

Seawater pollutant: -

Air transport IATA:

UN no.: 3175

Proper shipping name: Solids containing flammable liquid, n.o.s. (Ethanol)

Class or division: 4.1

Packing group: II

Packing instructions (passenger) 445

Packing instructions (cargo) 448

Section 15. Regulatory information

SUSMP Poisons Schedule None

AICS: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

Section 16. Other information

Abbreviations/acronyms:	ADGC - Australian Dangerous Goods Code GHS: Globally Harmonized System CAS: Chemical Abstracts Service LC 50: Lethal Concentration 50% LD 50: Lethal Dose 50% OECD: Organization for Economic Cooperation and Development IMDG: International Maritime Dangerous Goods code STEL - Short term exposure limit TWA - Time weighted average IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
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