



Safety Data Sheet

Paintsol Aero

Version 1.04

Revision Date 31.01.2024

SECTION 1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name Paintsol Aero

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

Use Solvent. Paint related material.

Manufacturer or supplier's details

Company Sasol Chemicals, a division of Sasol South Africa Ltd
Address Sasol Place, 50 Katherine Street
Sandton
2090
South Africa

Telephone +27103445000

E-mail address sasolchem.info.sa@sasol.com

Emergency telephone number +44 (0)1235 239 670 (Europe, Israel, Africa, Americas)
+44(0)1235 239 671 (Middle East, Arabic African countries)
+65 3158 1074 (Asia Pacific)
+86 400 120 6011 (China)
+27 (0)17 610 4444 (South Africa)
0800 112 890 RSA-Local only
+61 (2) 8014 4558 (Australia)

SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification	Flammable liquids	Category 2
	Skin irritation	Category 2
	Eye irritation	Category 2
	Reproductive toxicity	Category 2
	Specific target organ toxicity - single exposure (Central nervous system)	Category 3
	Specific target organ toxicity - repeated exposure	Category 2
	Aspiration hazard	Category 1
	Acute inhalation toxicity	Category 4

Label elements

REGULATION (EC) No 1272/2008

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Hazard pictograms :



Signal word :

Danger

Hazard statements :

- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H361d Suspected of damaging the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H332 Harmful if inhaled.

Precautionary statements

Prevention

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P233 Keep container tightly closed.
- P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
- P264 Wash the contact area thoroughly after handling.
- P203 Obtain, read and follow all safety instructions before use.
- P243 Take action to prevent static discharges.

Response

- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P332 + P317 If skin irritation occurs: Get medical advice/ attention.
- 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 + P317 If eye irritation persists: Get medical advice/ attention.
- P308 + P313 IF exposed or concerned: Get medical advice/ attention.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P302 + P352 IF ON SKIN: Wash with plenty of water.
- P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.

Storage

- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

Disposal

- P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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SECTION 3. Composition/information on ingredients

HAZARDOUS INGREDIENTS

Acetone

Contents: ≥ 30.00 - ≤ 60.00 %W/W

CAS-No. 67-64-1

Index-No. 606-001-00-8

EC-No. 200-662-2

Hazard statements H225 H319 H336

Butanone; Methyl Ethyl Ketone

Contents: ≥ 10.00 - ≤ 30.00 %W/W

CAS-No. 78-93-2

Index-No. 606-002-00-3

EC-No. 201-159-0

Hazard statements H225 H319 H336

2-butoxyethanol

Contents: ≥ 10.00 - ≤ 30.00 %W/W

CAS-No. 111-76-2

Index-No. 603-014-00-0

EC-No. 203-905-0

Hazard statements H331 H302 H315 H319

Toluene

Contents: ≥ 10.00 - ≤ 30.00 %W/W

CAS-No. 108-88-3

Index-No. 601-021-00-3

EC-No. 203-625-9

Hazard statements H225 H315 H373 H304 H336 H361d

Ethanol

Contents: < 10.00 %W/W

CAS-No. 64-17-5

Index-No. 603-002-00-5

EC-No. 200-578-6

Hazard statements H225

n-Butyl Acetate

Contents: < 10.00 %W/W

CAS-No. 123-86-4

Index-No. 607-025-00-1

EC-No. 204-658-1

Hazard statements H226 H336

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SECTION 4. First aid measures

Description of necessary first-aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. Consult a physician.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Call a physician immediately.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Dry sand. Dry chemical. Alcohol-resistant foam.
Special hazards arising from the substance or mixture	Flash back possible over considerable distance.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

SECTION 6. Accidental release measures

Personal precautions	Keep people away from and upwind of spill/leak. Remove all sources of ignition. Do not breathe vapours or spray mist.
Environmental precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste.
Reference to other sections	Refer to section 8 and 13

SECTION 7. Handling and storage

Safe handling advice	Avoid inhalation of vapour or mist. Wear personal protective equipment. Provide sufficient air exchange and/or exhaust in work rooms.
Advice on protection against fire and explosion	Keep away from heat and sources of ignition. Use only explosion-proof equipment.

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Requirements for storage areas and containers Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on common storage No data available.

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Components	Type	Control parameters	Update	Basis
ACETONE	TWA	1,780 mg/m ³	1995	South Africa RELs
ACETONE	TWA	750 ppm	1995	South Africa RELs
ACETONE	STEL	3,560 mg/m ³	1995	South Africa RELs
	STEL	1,500 ppm	1995	South Africa RELs
METHYL ETHYL KETONE (MEK)	TWA	590 mg/m ³	1995	South Africa RELs
	TWA	200 ppm	1995	South Africa RELs
BUTAN-2-ONE	STEL	885 mg/m ³	1995	South Africa RELs
	STEL	300 ppm	1995	South Africa RELs
2-BUTOXYETHANOL	TWA	120 mg/m ³	1995	South Africa Control Limits
2-BUTOXYETHANOL	TWA	25 ppm	1995	South Africa Control Limits
ETHYLENE GLYCOL	TWA	120 mg/m ³	1995	South Africa RELs
MONOBUTYL ETHER	TWA	25 ppm	1995	South Africa RELs
ETHYLENE GLYCOL				
MONOBUTYL ETHER				
TOLUENE	TWA	188 mg/m ³	1995	South Africa RELs
TOLUENE	TWA	50 ppm	1995	South Africa RELs
TOLUENE	STEL	560 mg/m ³	1995	South Africa RELs
	STEL	150 ppm	1995	South Africa RELs
ETHYL ALCOHOL	TWA	1,900 mg/m ³	1995	South Africa RELs
ETHANOL	TWA	1,000 ppm	1995	South Africa RELs

Exposure controls

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection Solvent-resistant gloves

Eye protection Safety glasses with side-shields.

Skin and body protection Protective suit. Safety shoes.

Hygiene measures Wash hands before breaks and immediately after handling the product.

SECTION 9. Physical and chemical properties

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Information on basic physical and chemical properties

Form	Liquid
State of matter	Liquid; at 20 °C; 1,013 hPa
Colour	Colourless
Odour	No data available.
Odour Threshold	No data available.
pH	No data available.
Melting point/range	No data available.
Boiling point/boiling range	63 - 173 °C; ASTM D86
Flash point	< 10 °C; ASTM D 93 - 85; closed cup;
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto-ignition temperature	No data available.
Decomposition Temperature	No data available.
Lower explosion limit	No data available.
Upper explosion limit	No data available.
Vapour pressure	No data available.
Relative vapour density	No data available.
Density	0.83 g/cm ³ ; 20 °C; ASTM D4052
Water solubility	Insoluble
Partition coefficient: n-octanol/water	No data available.
Viscosity, kinematic	0.46 mm ² /s; 20 °C; ASTM D 445

SECTION 10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames, sparks and other combustion sources.
Materials to avoid	Oxidizing agents. Reducing agents.
Hazardous decomposition products	Carbon oxides.

SECTION 11. Toxicological information

Skin irritation	Butanone; Methyl Ethyl Ketone: Rabbit: Not irritating; Not classified.; 4 h; GLP: yes; (literature value)
Skin irritation	Acetone: Rabbit: Irritating; GLP: no; (literature value)
Skin irritation	Ethanol: Rabbit: Not irritating; OECD Test Guideline 404 (literature value)
Skin irritation	Toluene: Rabbit: moderately irritating; (literature value)
Eye irritation	Butanone; Methyl Ethyl Ketone: Rabbit: Eye irritation Category 2; OECD Test Guideline 405 7 d; GLP: no; (literature value)
Eye irritation	Acetone: Rabbit: Irritating GLP: no; (literature value)

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Eye irritation	Ethanol: Rabbit: No eye irritation No eye irritation; 24 h; GLP: no; (literature value)
Sensitisation	Butanone; Methyl Ethyl Ketone: Buehler Test; Guinea pig: Not sensitizing; Not classified.GLP: yes; (literature value)
Sensitisation	Ethanol: Maximisation Test; Guinea pig: Not sensitizing; OECD Test Guideline 406; (literature value)
Mutagenicity	Butanone; Methyl Ethyl Ketone: Mammalian cell gene mutation assay: Balb/3T3; with and without; negative; GLP: no; (literature value) Chromosome aberration; Mouse CD-1; male and female; Intraperitoneal injection; negative; (literature value);
Mutagenicity	Acetone: Ames test: Salmonella typhimurium; Not mutagenic; GLP: no; (literature value)
Mutagenicity	Ethanol: In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects;
Further Information	May be fatal if swallowed and enters airways.

SECTION 12. Ecological information

Toxicity to fish	Acetone: static test; Salmo gairdneri; 96 h; LC50; > 100 mg/l; (literature value)
Toxicity to fish	Butanone; Methyl Ethyl Ketone: static test; Leuciscus idus; 48 h; LC0; 4,400 mg/l; GLP: no; (literature value)
Toxicity to fish	Ethanol: static test; Leuciscus idus; 48 h; LC50; > 100 mg/l; OECD Test Guideline 203; (literature value)
Toxicity to fish	Toluene: Pimephales promelas; 96 h; LC50; 34.27 mg/l; (literature value);
Toxicity to fish	Toluene: Poecilia reticulata; 96 h; LC50; 59.3 mg/l; (literature value);
Toxicity to fish	Toluene: Cyprinodon variegatus; 96 h; LC50; 277 mg/l; (literature value);
Toxicity to daphnia and other aquatic invertebrates	Butanone; Methyl Ethyl Ketone: Immobilization; Daphnia magna; 24 h; EC50; 7,060 mg/lGLP: no; (literature value)
Toxicity to daphnia and other aquatic invertebrates	2-butoxyethanol: Daphnia magna; 96 h; LC50; 550 - 950 mg/l(literature value)
Toxicity to daphnia and other aquatic invertebrates	Acetone: static test; Daphnia magna (Water flea); 48 h; > 100 mg/l(literature value)
Toxicity to daphnia and other aquatic invertebrates	Ethanol: static test; Daphnia magna (Water flea); 24 h; EC50; > 100 mg/l(literature value)
Toxicity to daphnia and other aquatic invertebrates	Toluene: Daphnia magna; 48 h; LC50; 313 mg/l
Toxicity to algae	Butanone; Methyl Ethyl Ketone:

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Toxicity to algae	green algae Growth inhibition; 8 d; 4,300 mg/l; GLP: no; Neutralised product; (literature value)
Toxicity to algae	Acetone: static test; Pseudokirchneriella subcapitata (green algae) EC50; > 100 mg/l; (literature value)
Toxicity to algae	Ethanol: static test; Chlorella pyrenoidosa EC50; > 100 mg/l; OECD Test Guideline 201; (literature value)
Toxicity to bacteria	Ethanol: Pseudomonas putida; 16 h; 6,500 mg/l; Toxicity to bacteria
Biodegradability	Butanone; Methyl Ethyl Ketone: Ready biodegradability.; 57 %; 28 d; (literature value)
Biodegradability	Acetone: Readily biodegradable.; (literature value)
Biodegradability	Ethanol: aerobic; > 70 %; 5 d; Readily biodegradable.; OECD Guideline 301 D; (literature value)
Mobility in soil	No data available.
Results of PBT and vPvB assessment	This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).
Chemical Oxygen Demand (COD)	Ethanol: ca. 1,700 mg/g; Directive 84/449/EEC, C.9; GLP: no;

SECTION 13. Disposal considerations

Product	Disposal and spillages should be addressed with due consideration to local, regional and national legislations.
Packaging	Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

SECTION 14. Transport information

DG Pictogram



ADR	
UN number:	1263
Class:	3
Packaging group:	II; F1;
Proper shipping name:	PAINT RELATED MATERIAL (acetone, methyl ethyl ketone)

RID	
UN number:	1263
Class:	3



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Packaging group: II; F1
Proper shipping name: PAINT RELATED MATERIAL
(acetone, methyl ethyl ketone)

ADNR
UN number: 1263
Class: 3
Packaging group: II; F1
Proper shipping name: PAINT RELATED MATERIAL
(acetone, methyl ethyl ketone)

IMDG
UN number: 1263
Class: 3
EmS: F-E, S-E
Packaging group: II
Proper shipping name: PAINT RELATED MATERIAL
(acetone, methyl ethyl ketone)

ICAO/IATA
UN number : 1263
Class: 3
Packaging group: II
Proper shipping name: PAINT RELATED MATERIAL
(acetone, methyl ethyl ketone)

SECTION 15. Regulatory information

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

Inv. of Exist. Chem. Substances in China	All chemical constituents are listed in: Inv. of Exist. Chem. Substances in China (See chapter 3)
USA TSCA Inventory	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)
Canadian Domestic Substances List (DSL)	All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)
Australian Inv. of Chem. Substances (AICS)	All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)
New Zealand Inventory of Chemicals (NZIoC)	All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)
Jap. Inv. of Exist. & New Chemicals (ENCS)	All chemical constituents are listed in: Jap. Inv. of Exist. & New Chemicals (ENCS) (See chapter 3)
Japan. Industrial Safety & Health Law (ISHL)	All chemical constituents are listed in: Japan. Industrial Safety & Health Law (ISHL) (See chapter 3)
Korea. Existing Chemicals Inventory (KECI)	All chemical constituents are listed in: Korea. Existing Chemicals Inventory (KECI) (See chapter 3)



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Chemical Substances (PICCS)

Chemicals and Chemical Substances (PICCS) (See chapter 3)

China Inv. Existing Chemical Substances (IECSC)

All chemical constituents are listed in: China Inv. Existing Chemical Substances (IECSC) (See chapter 3)

SECTION 16. Other information

Full text of H-Statements

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H336 May cause drowsiness or dizziness.
- H361d Suspected of damaging the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.

All reasonable efforts were exercised to compile this SDS in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The SDS only provides information regarding the health, safety and environmental hazards at the date of issue, to facilitate the safe receipt, use and handling of this product in the workplace and does not replace any product information or product specifications. Since Sasol and its subsidiaries cannot anticipate or control all conditions under which this product may be handled, used and received in the workplace, it remains the obligation of each user, receiver or handler to, prior to usage, review this SDS in the context within which this product will be received, handled or used in the workplace. The user, handler or receiver must ensure that the necessary mitigating measures are in place with respect to health and safety. This does not substitute the need or requirement for any relevant risk assessments to be conducted. It further remains the responsibility of the receiver, handler or user to communicate such information to all relevant parties that may be involved in the receipt, use or handling of this product. Although all reasonable efforts were exercised in the compilation of this SDS, Sasol does not expressly warrant the accuracy of, or assume any liability for incomplete information contained herein or any advice given. When this product is sold, risk passes to the purchaser in accordance with the specific terms and conditions of sale.