

Triple7 Aircraft & Metal

Safety Data Sheet

according to the Hazardous Products Regulation (WHMIS 2015)

Issue date: 2023-07-17 Date of revision: 2023-08-30 Supersedes: 2023-07-17 Version: 2.0



SECTION 1: Identification

1.1. Product identifier

Product name : Triple7 Aircraft & Metal
Product code : ENVIR001
Synonyms : Triple7 Aircraft & Metal 5L AAAM-5 / Triple7 Aircraft & Metal 20L AAAM-20 / Triple7 Aircraft & Metal 200L AAAM-200 / Triple7 Aircraft & Metal BB AAAM-BB

1.2. Recommended use and restrictions on use

Recommended use : General purpose cleaner and metal cleaning agent. Soft metal cleaner. Exterior aircraft cleaner. Quick break detergent. No restrictions on use. Biodegradable and environmentally responsible surface cleaner. Petroleum free. Boeing, Airbus and Douglas accredited. HACCP approved.
Restrictions on use : Not to be used for any purpose other than the one the product was designed for

1.3. Supplier

Envirofluid Inc.
1629 K Street N.W., Suite 300
Washington DC
USA

1.4. Emergency telephone number

Emergency number : T +1 (202) 869 8240

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Serious eye damage/eye irritation, Category 1 H318 Causes serious eye damage.
Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H318 - Causes serious eye damage.
Precautionary statements (GHS CA) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P280 - Wear eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

No additional information available



2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole	Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole	CAS-No.: 29385-43-1	5	Acute Tox. 4 (Oral), H302
Alcohols, C9-11, branched and linear, ethoxylated (Id: A00194)	Alcohols, C9-11, branched and linear, ethoxylated (Id: A00194)	CAS-No: 68439-46-3	1 – 10	Eye Dam. 1, H318

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after skin contact	: Wash skin with plenty of water. In case of skin burns: Immediately flood the burnt area with plenty of water, but do not pick off anything stuck to the skin. Chemical burns must be treated promptly by a physician. Rinse skin with water/shower. Take off immediately all contaminated clothing. Take off contaminated clothing and wash it before reuse.
First-aid measures after eye contact	: Call a physician immediately. Rinse immediately with plenty of water. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell. Rinse mouth. Do not induce vomiting. Do not induce vomiting because of corrosive effects. Call a physician immediately.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.





5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Unsuitable extinguishing media are not known. Do not use a heavy water stream.

5.3. Specific hazards arising from the hazardous product

Hazardous decomposition products in case of fire : Toxic fumes may be released. Thermal decomposition can lead to the release of irritating gases and vapours. Water vapours are released.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Keep upwind. Fight fire from safe distance and protected location.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.

6.2. Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Minimise generation of dust.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Dust may form flammable and explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Storage area : Keep out of direct sunlight.

Information on mixed storage : Store away from incompatible materials and products. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.

Special rules on packaging : Position containers so that any labelling information is visible. Keep packaging closed when not in use. Check containers and packaging regularly for leaks and damage.

Packaging materials : Keep only in original packaging.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.





8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Personal protective equipment (PPE) must be suited to the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Avoid all unnecessary exposure. Ocular shower with suitable liquid.

Hand protection:

In case of repeated or prolonged contact wear gloves

Eye protection:

Wear eye protection: Chemical goggles or safety glasses. Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

If vapour is released : Disposable half mask

Personal protective equipment symbol(s):



Other information:

PPE compliant with the recommended standards should be selected.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear.
Colour	: Light amber Colourless
Odour	: Mild coconut and pepper odour characteristic
Odour threshold	: No data available
pH	: 8.2 – 8.8
Relative evaporation rate (butylacetate=1)	: ≤ 0.7 (slower than water)
Relative evaporation rate (ether=1)	: No data available
Melting point	: 3 °C
Freezing point	: No data available
Boiling point	: 100 °C
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: > 166 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: 17 mm Hg (20 °C)
Relative vapour density at 20°C	: > 1
Relative density	: 1.009 – 1.021
Solubility	: In water, material soluble.





Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: Dust may form explosive mixture in air.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	: No additional information available
Chemical stability	: No additional information available
Possibility of hazardous reactions	: No additional information available
Conditions to avoid	: No additional information available
Incompatible materials	: Strong acids. Strong bases. Strong oxidizers.
Hazardous decomposition products	: No additional information available
Hardening time:	: No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole (29385-43-1)

LD50 oral rat	675 mg/kg Source: TOMES
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
ATE CA (oral)	675 mg/kg bodyweight

Skin corrosion/irritation	: Not classified pH: 8.2 – 8.8
Serious eye damage/irritation	: Causes serious eye damage. pH: 8.2 – 8.8
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole (29385-43-1)

NOAEL (oral, rat, 90 days)	≈ 150 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
Aspiration hazard	: Not classified



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Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole (29385-43-1)

Animal studies and expert judgment for classification	False
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SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole (29385-43-1)

LC50 - Fish [1]	36.756 mg/l Source: ECOSAR
EC50 - Other aquatic organisms [1]	15.8 mg/l Test organisms (species): other aquatic crustacea:
EC50 - Other aquatic organisms [2]	8.58 mg/l Test organisms (species): other aquatic crustacea:
EC50 72h - Algae [1]	53 mg/l Test organisms (species): Skeletonema costatum
EC50 96h - Algae [1]	13.795 mg/l Source: ECOSAR
NOEC (chronic)	18.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LOEC (chronic)	37.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole (29385-43-1)

Partition coefficient n-octanol/water (Log Pow)	1.079 – 1.083 Source: ECHA
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12.4. Mobility in soil

Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole (29385-43-1)

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

No additional information available

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

14.1. UN number

Not regulated for transport





14.2. UN proper shipping name

Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

TDG

Transport hazard class(es) (TDG) : Not applicable

DOT

Transport hazard class(es) (DOT) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (TDG) : Not applicable
Packing group (DOT) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

TDG

No data available

DOT

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable



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SECTION 15: Regulatory information

15.1. National regulations

Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole (29385-43-1)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

Triple7 Aircraft & Metal

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

Methylbenzotriazole ; Toly triazole, Methyl-1H-benzotriazole (29385-43-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on INSQ (Mexican National Inventory of Chemical Substances)

SECTION 16: Other information

Issue date : 07-17-2023
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Supersedes : 07-17-2023

Full text of H-statements:

H302	Harmful if swallowed.
H318	Causes serious eye damage.

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

