

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



1. Identification

1.1. Product identifier

Product Identity

Aluminum & Stainless-Steel Truck Cleaner

Alternate Names

05-080, Blended Formula, Aluminum & Stainless-Steel Truck Cleaner, Heavy Duty Exterior Truck Body Cleaner (Water Soluble)- 55 gallon

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

Intended use

Strong and effective exterior truck body cleaner and degreaser.

Application Method

Read all precautions and instructions carefully before and after use.

1.3. Details of the supplier of the safety data sheet

Company Name

ComStar International Inc.
20-47 128th Street,
College Point, NY 11356

Telephone No.

718-445-7900
800-328-0142
Fax: 718-353-5998

Emergency 24 HR response No: 1-800-424-9300 & 703-527-3887 CHEMTREC

Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure, or accident. Please direct all other inquiries to our customer service phone number.

2. Hazard(s) identification

2.1. Classification of the substance or mixture

This chemical is considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Serious eye damage/eye irritation, H319; Category 2A	Eye irritation
Flammable liquids, H227; Category 4	Combustible liquids

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

Hazard statements

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



H227: Combustible liquid

H319: Causes serious eye damage

[Prevention]:

P210: Keep away from heat/sparks/open flames/hot surfaces- No smoking

P280: Wear protective gloves/protective clothing/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 sand, carbon dioxide or powder extinguisher for extinction.

[Storage]:

P403: Store in a well-ventilated place. Keep cool.

[Disposal]:

No GHS disposal statements

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
DIPROPYLENE GLYCOL MONOMETHYL ETHER CAS#: 34590-94-8	<22	Flammable Liquid: 4; H227 Eye Irrit. 2A; H319	
ANTI-FOAM SOLUTION, CAS# None	<5	Not Classified	
CITRUS TERPENES, CAS # 5989-27-5	>5	Not Classified	
AMMONIUM BIFLUORIDE, CAS # 1341-49-7	<1	Skin Corr. 1B STOT Single 3	
Water CAS#: N/A	Balance	Not Classified	

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Take off contaminated clothing.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention. In case of eye irritation consult an ophthalmologist.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	If swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting.

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

Overview Irritant effects, Headache, Vertigo, Irritation, Narcotic effects

4.3. Indication of any immediate medical attention and special treatment needed None

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings water spray, foam, dry extinguishing powder, carbon dioxide (CO₂).

Unsuitable extinguishing media

water jet

5.2. Special hazards arising from the substance or mixture

Combustible. Vapours can form explosive mixtures with air. Vapours can form explosive mixtures with air.

Hazardous combustion products

In case of fire may be liberated: carbon monoxide (CO), carbon dioxide (CO₂)

5.3. Advice for fire-fighters

Solvent vapours are heavier than air and may spread along floors. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

ERG Guide No. ---

6. Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes, and personal clothing. Avoid contact with skin, eyes, and clothes. Do not breathe vapour/spray. Avoidance of ignition sources. Do not breathe vapour/spray. Avoidance of ignition sources. Provide adequate ventilation.

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



6.2. Environmental precautions

Keep away from drains, surface, and ground water. Explosive properties.

6.3. Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains.

Advice on how to clean up a spill

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4. Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

7. Handling and storage

7.1. Precautions for safe handling

Provide adequate ventilation. When not in use, keep containers tightly closed.

Measures to prevent fire as well as aerosol and dust generation

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharge.

Advice on general occupational hygiene

Wash hands before breaks and after work

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed.

Incompatible substances or mixtures

Observe hints for combined storage.

Consideration of other advice

Ventilation requirements

Use local and general ventilation.

Specific designs for storage rooms or vessels

Recommended storage temperature: 15 – 25 °C.

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS#	Notation	Identifier	TWA ppm	TWA mgm3	STEL ppm	STEL mgm3	Ceiling-C ppm	Ceiling-C mgm3	Source
AU	Dipropylene Glycol monomethyl ether	34590-94-8		WES	50	308					WES

Notation

Ceiling-C Ceiling value is a limit value above which exposure should not occur

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15- minute period (unless otherwise specified)

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs/DMELs/PNECs and other threshold levels

human health values

Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
DNEL	308 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
DNEL	283 mg/kg bw/ day	human, dermal	worker (industry)	chronic - systemic effects

environmental values

Endpoint	Threshold level	Environmental compartment
PNEC	1.9 mg/l	freshwater
PNEC	1.9 mg/l	marine water
PNEC	4,168 mg/1	sewage treatment plant (STP)
PNEC	70.2 mg/kg	freshwater sediment
PNEC	70.2 mg/kg	freshwater sediment
PNEC	2.74 mg/kg	soil

CAS No.	Ingredient	Source	Value
34590-94-8	DIPROPYLENE GLYCOL MONOMETHYL ETHER	OSHA	100 ppm
		ACGIH	150 ppm
		NIOSH	No Established Limit
		Supplier	No Established Limit

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



NONE	ANTI-FOAM SOLUTION	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
5989-27-5	CITRUS TERPENES	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
1341-49- 7	AMMONIUM BIFLUORIDE	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
N/A	WATER	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
34590-94-8	DIPROPYLENE GLYCOL MONOMETHYL ETHER	OSHA	Select Carcinogen: No Known: No; Suspected: No Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		NTP	
		IARC	
036445-71-3	DECYL BENZENESULFONIC DISODIUM SALT	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
NONE	ANTI-FOAM SOLUTION	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
5989-27-5	CITRUS TERPENES,	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
1341-49-7	AMMONIUM BIFLUORIDE	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
N/A	WATER	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA (ppm)	TWA (mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Ceiling C (ppm)	Ceiling-C (mg/m ³)	Source
AU	(2-methoxymethylethoxy)propanol (dipropylene glycol monomethyl ether)	34590-94-8	WES	50	308					WES

Notation

Ceiling-C Ceiling value is a limit value above which exposure should not occur

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15- minute period (unless otherwise specified)

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

Relevant DNELs/DMELs/PNECs and other threshold levels

human health values

Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
DNEL	308 mg/m ³	human, inhalatory	worker (industry)	chronic - systemic effects
DNEL	283 mg/kg bw/ day	human, dermal	worker (industry)	chronic - systemic effects

environmental values

Endpoint	Threshold level	Environmental compartment
PNEC	19 mg/l	freshwater
PNEC	19 mg/l	marine water
PNEC	4,168 mg/l	sewage treatment plant (STP)
PNEC	70.2 mg/kg	freshwater sediment

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



PNEC	7.02 mg/kg	marine sediment
PNEC	2.74 mg/kg	soil

8.2. Exposure controls

Respiratory

Respiratory protection necessary at: Aerosol or mist formation. Type: A (against organic gases and vapours with a boiling point of > 65°C, color code: Brown).

Eyes

Safety glasses with side shields, goggles or face shield are recommended.

Skin/hand

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The times are approximate values from measurements at 22 ° C and permanent contact. Increased temperatures due to heated substances, body heat etc. and a reduction of the effective layer thickness by stretching can lead to a considerable reduction of the breakthrough time. If in doubt, contact manufacturer. At an approx. 1.5 times larger / smaller layer thickness, the respective breakthrough time is doubled / halved. The data apply only to the pure substance. When transferred to substance mixtures, they may only be considered as a guide.

Type of material

NBR (Nitrile rubber)

material thickness

0,4 mm

breakthrough times of the glove material

>480 minutes (permeation: level 6)

other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

Engineering Controls

Keep away from drains, surface, and ground water.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Liquid (fluid)
Color	Colorless
Odor	Like ether
Odor threshold	Not Measured
pH	6 – 7 (water: 200 g / l , 20 °C)
Melting point / freezing point	-83 °C at 1,013 hPa
Initial boiling point and boiling range	190 °C at 1,013 hPa
Flash Point	75 °C at 1,013 mbar
Evaporation rate (Ether = 1)	Not Measured

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



Flammability (solid, gas)	not relevant (fluid)
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1.1 vol% Upper Explosive Limit: 14 vol%
Explosion limits of dust clouds	not relevant
Vapor pressure (Pa)	0.36 mmHg at 25 °C
Density	0.94 – 0.96 g /cm ³ at 20 °C
Vapor Density	5.11 (air = 1)
Specific Gravity	> 2 (H ₂ O = 1)
Bulk density	Not applicable
Relative density	Information on this property is not available.
Solubility in Water	~ 1 g /l at 25 °C
Partition coefficient	
n-octanol/water (Log Kow)	0.004 (25 °C) (ECHA)
Auto-ignition temperature	207 °C at 1,013 mbar - ECHA
Decomposition temperature	Not Measured
Viscosity (cSt)	
kinematic viscosity	3.82 mm ² /s at 25 °C
dynamic viscosity	3.7 mPa s at 25 °C
Explosive properties	Shall not be classified as explosive
Oxidising properties	none
Volatiles (% by weight)	NA
Octanol/Water Partition Coefficient	NA
9.2. Other information	
No other relevant information.	

10. Stability and reactivity

10.1. Reactivity

In case of warming: Vapours can form explosive mixtures with air.

10.2. Chemical stability

Reactivity if exposed to air

10.3. Possibility of hazardous reactions

Violent reaction with: Strong oxidiser

10.4. Conditions to avoid

There are no specific conditions known which must be avoided.

10.5. Incompatible materials

There is no additional information.

10.6. Hazardous decomposition products

Peroxides.

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Shall not be classified as acutely toxic.

Exposure route	Endpoint	Value	Species	Source
Oral	LD50	>5,000 mg/kg	rat	ECHA
dermal	LD50	9,510 mg/kg	rabbit	ECHA

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant • **Specific target organ toxicity - single exposure**

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Symptoms related to the physical, chemical, and toxicological characteristics

If swallowed

data are not available

If in eyes

slightly irritant

If inhaled

headache, vertigo

If on skin

essentially non-irritating

Other information

Other adverse effects:

Narcosis

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



12. Ecological information

12.1. Toxicity

Aquatic toxicity (acute)

Endpoint	Value	Species	Source	Exposure time
LC50	>1,000 mg/l	fish	ECHA	96 h
LC50	1,919 mg/l	aquatic invertebrates	ECHA	48 h
ErC50	>969 mg/l	algae	ECHA	72 h
EC50	>969 mg/l	algae	ECHA	72 h

Aquatic toxicity (chronic)

Endpoint	Value	Species	Source	Exposure time
LC50	>1,000 mg/l	aquatic invertebrates	ECHA	24 h
NOEC	≥0.5 mg/l	aquatic invertebrates	ECHA	22 d
LOEC	0.5 mg/l	aquatic invertebrates	ECHA	22 d
growth (EbCx) 10%	4,168 mg/l	microorganisms	ECHA	18 h

12.2. Process of degradability

The substance is readily biodegradable.

Theoretical Oxygen Demand: 2.051 mg/mg

Theoretical Carbon Dioxide: 2.079 mg/mg

Biochemical Oxygen Demand: 650 mg/g at 20 h

Process	Degradation rate	Time
biotic/abiotic	96 %	28 d
oxygen depletion	75 %	10 d
DOC removal	96 %	28 d
carbon dioxide generation	76 %	28 d

12.3 Bioaccumulative potential

Does not significantly accumulate in organisms.

n-octanol/water (log KOW) 0.004 (25 °C)

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



13. Disposal considerations

13.1. Waste treatment methods

This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains.

13.2. Relevant provisions relating to waste

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable

14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

No further information

15. Regulatory information

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

National inventories

Substance is listed in the following national inventories:

Country	National inventories	Status
AU	AICS	substance is listed

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



CA	DSL	substance is listed
CN	IECSC	substance is listed
EU	ECSI	substance is listed
EU	Reach Reg.	substance is listed
JP	CSCL-ENCS	substance is listed
KR	KECI	substance is listed
MX	INSQ	substance is listed
NZ	NZIoC	substance is listed
PH	PICCS	substance is listed
TR	CICR	substance is listed
TW	TCSI	substance is listed
US	TSCA	substance is listed

Legend

AICS Australian Inventory of Chemical Substances

CICR Chemical Inventory and Control Regulation

CSCL-ENCS List of Existing and New Chemical Substances (CSCL-ENCS)

DSL Domestic Substances List (DSL)

ECSI EC Substance Inventory (EINECS, ELINCS, NLP)

IECSC Inventory of Existing Chemical Substances Produced or Imported in China

INSQ National Inventory of Chemical Substances

KECI Korea Existing Chemicals Inventory

NZIoC New Zealand Inventory of Chemicals

PICCS Philippine Inventory of Chemicals and Chemical Substances

REACH Reg. REACH registered substances

TCSI Taiwan Chemical Substance Inventory

TSCA Toxic Substance Control Act

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

16. Other information

Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)	Safety/relevant
2.1	Remarks: For full text of Hazard- and EU Hazard-statements: see SECTION 16.		yes
2.2		Pictograms: change in the listing (table)	yes
2.2		Precautionary statements - prevention: change in the listing (table)	yes

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



2.2		Precautionary statements - response: change in the listing (table)	yes
2.2		Precautionary statements - storage	yes
2.2		Precautionary statements - storage: change in the listing (table)	yes
2.2		Labelling of packages where the contents do not exceed 125 ml: change in the listing (table)	yes
8.1		• environmental values: change in the listing (table)	yes
14.4	Packing group: not relevant	Packing group: not relevant not assigned to a packing group	yes
14.8		• International Civil Aviation Organization (ICAO/IATA/DGR): Not subject to ICAO-IATA.	yes

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Carcinogenic, Mutagenic, or toxic for Reproduction
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g., on growth) during a specified time interval
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LOEC	Lowest Observed Effect Concentration
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NLP	No-Longer Polymer
NOEC	No Observed Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the international carriage of Dangerous goods by Rail)
STEL	short-term exposure limit
TWA	time-weighted average
vPvB	very Persistent and very Bioaccumulative
WES	Safe Work Australia: Workplace exposure standards for airborne conatminants

Key literature references and sources for data

- UN Recommendations on the Transport of Dangerous Good
- Dangerous Goods Regulations (DGR) for the air transport (IATA)
- International Maritime Dangerous Goods Code (IMDG)

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H227	combustible liquid
H319	causes serious eye irritation

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

Safety Data Sheet

Aluminum & Stainless-Steel Truck Cleaner

SDS Revision Date:

12/12/2022



The opinions expressed are those of qualified experts within ComStar International Inc. We believe that the information contained is current as of the date of the Safety Data Sheet. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of ComStar International Inc., it is the user's obligation to determine the conditions of safe use of the product.

End of Document