

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH), Annex II Revision

SECTION 1: Identification of the substance / mixture and of the company / business

1.1 identification Product

Ameta Solution 76-28 Engine Clean +

1.2 identified relevant uses of the substance or mixture and uses relevant identified Uses

Cleaner has based biodegradable water.

1.3 Details of the supplier of the safety data che Supplier

Ameta Distribution Inc.

1392 Avenue de la Gare, Mascouche (QC) Canada J7K 2Z2

T. (450) 477 -3102 -6382 -452 -888 1

F. (450) 477 -6664

email: info@ametasolution.com

1.4 Emergency telephone number:

Canutec: 613-996-6666

SECTION 2: identification of dangers

to People

Eyes: irritation, harmful, serious damage Skin:

Irritation, absorption chronic contact: dryness, cracking, irritation, dermatitis

Ingestion: Harmful, serious damage, gastrointestinal disorder, Inhalation:

Irritation, dizziness, harmful if inadequate ventilation

To the environment

See point 12. Negligible risk, biodegradable product has 100%

Danger:

Harmful if swallowed (H302) Toxic by skin contact (H311) Toxic by inhalation (H331)

Causes skin irritation (H315) Causes serious eye irritation (H319) May cause respiratory irritation (H335)

Known risk of serious effects to organs through repeated exposure or prolonged exposure (H372)

Causes severe skin burns and serious eye damage (H314) Causes serious eye damage (H318) Causes serious damage of respiratory tract Acute toxicity - oral: Not available Acute toxicity - dermal: Not available Acute toxicity - inhalation : Not available

Specific target organ toxicity - single exposure: Not available



GHS07

Toxicité aiguë catégorie 4



GHS05

Matières corrosives (CR)

SECTION 3: Composition / information on ingredients

Chemical name			
glad%	symbol	R phrases	EINECS, ELINCS
	Registration number (ECHA)		
sodium metasilicate			229-912-9
2-4%	C	R34,37	CAS 6834-92-0
tetrasodium salt of ethylenediaminetetraacetic acid anhydrous			200-573-9
2-4%	Xi	R22, R41	CASE 64-02-8
Ethylene Glycol Monobutyl Ether			203-905-0
6-14%	Xn	R20 / 21/22/36/38	CASE 111-76-2

SECTION 4: First aid

4.1 Description of first aid: If in doubt or if symptoms get medical advice.

General informations: Remove contaminated clothing immediately, impregnated.

If inhaled: Remove victim to fresh air, consult a doctor if the symptom develops.

In case of skin contact: After contact with skin, wash immediately with plenty of soap and water.

After eye contact: In case of contact with eyes, rinse one time with water keeping eyelid open and immediately consult an ophthalmologist.

Ingestion: Immediately rinse mouth and drink plenty of water. Call a physician.

4.2 Most important symptoms and effects, both acute and delayed following:

Harmful if swallowed or inhaled. Causes skin irritation.

4.3 Indication of immediate medical attention and special treatment needed: Any

SECTION 5: Firefighting measures against fire

5.1 Extinguishing media Extinguishing media: Water spray, foam, extinguishing powder.

Inappropriate Extinguishing Media: Inkjet High volume water.

5.2 Special hazards arising from the substance or mixture: Any

5.3 Advice for firefighters: No

Special protective equipment for fire-fighters

Wear a respirator

Combustion Products: Carbon Monoxide

SECTION 6: Measures Accidental Release

6.1 Personal precautions, protective equipment and emergency procedures

Away .Use acid substances personal protective equipment. Ventilate the area, avoid creating and inhaling dust, mist or vapor.

6.2 Precautions for environmental protection

Biodegradable product

6.3 Methods and confi ment equipment and cleaning

Not recover, rinse with water.

6.4 Reference to other sections

Handling: See section 7

protective equipment: see section 8 Disposal

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Handling

Information for safe handling:

See point 6.1

Ensure good ventilation.

Keep away from acids, Avoid direct contact with the product

Eating, drinking, smoking and preservation of food in the workplace is prohibited. Wash hands before breaks and at the end of work. Observe directions on label and instructions for use. Use working methods according to instructions. If applicable:

circuiting the local suction devices.

7.2 Storage

Requirements for storage rooms and containers:

Store product in its original unopened packaging. Do not store the product in the corridors and the staircases. Do not store together with substances freeze Protect acids

Special storage conditions: See point 10

Store in cool, Protect against sunlight and do not expose to temperatures exceeding 50 ° C

8.2 Exposure controls Personal protective equipment Eye / Face

proper eye protection

Wear eye protection if splashing. If splashed in accordance with DIN EN 166



Skin Protection

Hand protection

Suitable material: Butyl rubber.

Penetration time (maximum wearing period): 480 min. Note: breaking strength Time



respiratory protection

Respiratory protection is required if ventilation is inadequate. Suitable respiratory protection apparatus filter combined (DIN EN 141) Type:



Note: Respect the limitations of the port of time according to GefStoff V Act in relation to the rules for the use of respiratory protective devices.

General protective and hygiene

Do not wearable ons chiff impregnated product. Workplace, do not eat, do not drink, do not smoke or sneeze. Avoid contact with skin, eyes and clothing. immediately remove contaminated clothing, impregnated.

8.3 Further indications

No tests have been effectu . The selection for this preparation was effectu e in good faith taking account of component information. The strength of material used for gloves is not predictable, a test must be made prior to use.

SECTION 9: Physical and chemical properties

Physical state:	Liquid
Substance:	Liquid
Color:	Blue
Odour:	Orange
PH-value undiluted:	13 basic
Boiling temperature (° C):	> 100 ° C
Melting temperature (° C):	<0 ° C
Solubilit�	yes: water
evaporation rate	not available

Flash point (° C):	not applicable
infl flammability (solid, gas):	No
Steam pressure	not available
lower explosion limit:	not available
Upper explosion limit:	not available
Ignition temperature:	not applicable (ininfl ammable)
density:	~ 1 (such as water)
VOC	6-14%
Viscosity	~ 1 (such as water)

10. Stability and reactivity

10.1 Reactivity

This product can react with acidic agents.

10.2 Chemical stability

Thermal decomposition: Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

No hazardous reactions known

10.4 Conditions to avoid

heat, acids, sun gel.

10.5 Incompatible materials

acid, gel, sun.

10.6 Hazardous decomposition products

No

decomposition by fire: Carbon monoxide

SECTION 11: Toxicological information

Information about the eff ects toxicology (acute Eff ects)	
Ingestion, LD50 rat oral (mg / kg):	Not available
Inhalation, LC50 rat inhaled (mg / l / 4h):	700 ppm
Skin contact, LD50 rat dermal (mg / kg):	Not available
Contact eyes:	Not available
eff ects chronic toxicological information	
sensibilization:	Possible
carcinogen:	Not available
mutagenic:	Not available
teratogenic:	Not available
Eff and narcotic:	Possible

12. Ecological Information

Effects Ecotoxicity: No available information.

Aquatic toxicity: No available information.

bacterial toxicity: No available information.

12.2 Persistence and degradability

Biodegradation

Method of analysis: Parameter

Biodegradation: Biodegradation

decomposition rate: No information available. Time: No information available.

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No available information.

12.5 Results of PBT and vPvB

No available information.

12.6 Other adverse effects

No available information.

12.7 Other ecological information

Contains no AOX (adsorbable organic halogen) according to the formulation contains no AOX according to the formulation use and as part of waste disposal possibilities from the user, other waste codes may be allocated under. 7/9

SECTION 13: Disposal considerations

13.1 Waste treatment methods

According to local guidelines.

Dilute with water

Avoid direct contact with the product Wear appropriate protective equipment

13.2 Further Information

This information is awarded on the basis of the most common uses of this product and may not reflect contaminants resulting from actual use.

waste codes listed below are cited for information only and are based on the scheduled use of this product. In cases of special

SECTION 14: Transport information

UN	Not available
Land transport (ADR / RID)	
Class / packing group:	Not available
Classification code:	Not available
Hazard identification number (Kemler code):	Not available
Special provisions:	Not available
restriction code tunnels	Not available
Sea transport (IMDG)	
Class (es):	Not available
EmS number:	Not available
Special provisions:	Not available
Air transport (ICAO-TI / IATA-DGR)	
Class (es):	Not available
Special provisions:	Not available
Packing Group	Not available



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14.5 Environmental hazards

Land transport (ADR / RID): Not maritime transport

(IMDG): No

Air transport (ICAO-TI / IATA-DGR): No

14.6 Special precautions for user: Any

SECTION 15: Regulatory information

implementation, transport and disposal. The indications are not applicable to other products. To the extent that the product is mixed

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

Other regulations (EU)

Explanatory notes on the occupancy limit

Note the restrictions prescribed by law on the protection of young workers (94/33 / EC). Note the restrictions envisaged by the decree on the protection of mothers (92/85 / EEC) for expectant or nursing women.

intended to provide benchmarks for safe handling of the product subject of this plug safety data, especially for storage, its

national regulations

No available information.

15.2 Chemical Safety Assessment

For that matter, no security assessment has been made.

The information appearing in this fi plug of safety data reflects our best knowledge at the moment of printing. The information is

SECTION 16: Other information

H304 Harmful if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. 20/21 Harmful by inhalation and skin contact. 21 Harmful in contact with skin. 37 Irritating to respiratory system. 38 Irritating to the skin.

41 Risk of serious eye damage.

43 May cause sensitization by skin contact. 65 Harmful: may cause lung damage if swallowed. 66 Repeated exposure may cause dryness or cracking of the skin.

Registered Substances 9/9

Abbreviations and acronyms

ADR: European Agreement on the Transport of Dangerous Goods by Road (European Agreement concerning the International Carriage of Dangerous Goods by Road) AOX: adsorbable organohalogens

CAS: Chemical Abstracts Service (division of the American Chemical Society) CLP: classification Labelling and Packaging (Regulation (EC) No. 1272/2008) EAK / AVV: europäischer Abfallschlüsselkatalog (european waste catalog) EINECS: European Inventory of Existing Commercial Chemical GHS substances: Globally Harmonized System of classification and Labelling of Chemicals IATA: International Air Transport Association ICAO: International Civil Aviation Organization IMDG: International Maritime Dangerous Goods Code for RCP: reciprocal calculation procedure

RID: Regulations concerning the International Carriage of Dangerous marchandises rail (Regulations Concerning the International Transport of Dangerous Goods by Rail) TRGS: Technische Regel für den mit Umgang Gefahrstoff in VbF: Verordnung über brennbare Flüssigkeiten VOC: Volatile organic compound

VwVwS: WGK e Verwaltungsvorschrift wassergefährdender Stoff:

Wassergefährdungsklasse (water hazardous class)

Literary references and important sources of data

DGUV: GESTIS Stoff-Datenbank

ECHA: classification And Labelling Inventory ECHA:

ECHA: Registered Substances EC_Safety Data Sheet Suppliers of ESIS:

European Chemical Substances Information System GDL: Gefahrstoff

Datenbank der Länder UBA Rigoletto Wassergefährdende e Stoff