Material Safety Data Sheet

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

. Product details
. Trade name: Car Wipes / Cleaning Wipes
. Manufacturer/Supplier: Zhejiang Autochemist Technology Co., Ltd
Tel: 0086-19534204759

. Further information obtainable from: Zhejiang Autochemist Technology Co., Ltd
. Information in case of emergency: Zhejiang Autochemist Technology Co., Ltd
No.11 Building, Niansanli Street, Jinhua City, Zhejiang, China
. Tel: 0086-19534204759
. Contact : Andrei
. Email : sales@formulax-group.com

2 Hazards identification

. Classification of the substance or mixture
Classification acc. to GHS
This mixture does not meet the criteria for classification.
. Label elements
Labeling
not required
. Precautionary statements
P102 Keep out of reach of children.
. Other hazards
Results of PBT and vPvB assessment
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

3 Composition/information on ingredients

.Description: Mixture of substances listed below with additions.

Component	CAS No.	EINECS No.	Harzard classification according to CLP	Approximate(%)by Wt.Or Vol.
Betaine	107-43-7	203-490-6	/	1-<5%
Oligomers	Trade Secret	Trade Secret	/	1-<5%
Deionized water	7732-18-5	231-791-2	/	80-90%

4 First aid measures

. If inhalation:

Remove person to fresh air. If you feel unwell, get medical attention..

If skin contact:

Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

. If eye contact:

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. Get medical attention.

. If swallowed:

Rinse mouth. If you feel unwell, get medical attention.

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

See Section 11.1 Information on toxicological effects.

. Indication of any immediate medical attention and special treatment required.

Not applicable.

5 Fire-fighting measures

. General Information: *As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated.*

. Extinguishing Media: *Use water spray, dry chemical, carbon dioxide, or chemical foam. Cool containers with flooding quantities of water until well after fire is out.*

. Flash Point: *Not available.*

. Auto ignition Temperature: *Not available.*

. LEL: *Not Determined.*

. UEL: *Not Determined.*

. Special fire & explosion hazards: *Dense smoke emitted when burned without sufficient oxygen. Possible dust explosion if fines accumulate. Wear standard firefighting attire.*

. Exiting using media: *Dry Chemical, Carbon Dioxide, and Foam.*

. Unusual Fire or Explosion Hazards: *None.*

6 Accidental release measures

. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Remove persons to safety.

For emergency responders: Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

. Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

. Methods and material for containment and cleaning up

Advice on how to contain a spill: Covering of drains, Take up mechanically.

Advice on how to clean up a spill: Take up mechanically.

Other information relating to spills and releases: Place in appropriate containers for disposal. Ventilate affected area.

7 Handling and storage

. Precautions for Safe Handling:

Avoid contact with eyes. Avoid breathing vapors or mist. Launder contaminated clothing before re-use. Empty containers retain product residue and may be hazardous. Do not cut, weld, drill.etc. containers even empty. Do not reuse empty containers.

. Conditions for Safe Storage, Including Any Incompatibilities:

Keep container tightly closed in a cool, dry area. Do not store below 32 degrees F or above 100 degrees F. Do not store in direct sunlight. Keep away from children.

8 Exposure controls/personal protection

. Control parameters

Components with workplace control parameters

. Exposure controls

. Appropriate engineering controls: *General ventilation.*

. Personal protective equipment (PPE)

. Eye/face protection:

Wear eye/face protection.

. Skin protection:

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

Wash hands thoroughly after handling.

. Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

. Environmental exposure controls:

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

9 Physical and chemical properties

. General Information	
Form:	*Liquid*
Color:	*Semi-Transparent*
Odor:	*Very Slight Odor*
. Change in condition	

Melting point/Melting range:	*Not available*
Boiling point/Boiling range:	*Not available*
. Flash point:	*> 110 °C*
. Self-igniting:	*Product is not self-igniting*
. Danger of explosion:	*Not available*
. Density:	*Not available*
. Rela transparentized density:	*Not available*
. Vapor density:	*0.97-1.02*
. Evaporation rate	*Not available*
. Solubility in/Miscibility with Water:	*Solubility*
.PH-Value:	*7-7.5*
. Viscosity: Dynamic:	*Not available*

10 Stability and reactivity

. Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

. Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

. Possibility of hazardous reactions

No known hazardous reactions.

. Conditions to avoid

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion.

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

. Incompatible materials

Oxidizers

. Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

11 Toxicological information

Based on test data and/or information on the components, this material may produce the following health effects:

. Toxicological Data

Acute toxicity

Component	***Exposure***	***Category***	***Data***
Betaine	*Oral*	*Rat(b)*	*LD50 11180mg/kg*
Oligomers	*Based on available data, the classification criteria are not met.*		

. Skin irritation：

Based on available data, the classification criteria are not met. Knowledge about health hazard is incomplete.

. Sever eye injury/eye irritation：

Based on available data, the classification criteria are not met. Knowledge about health hazard is incomplete.

. Respiratory or skin sensitization：

Based on available data, the classification criteria are not met. Tested negative to rat(s).

. Germ cell mutagenicity： *Knowledge about mutagenicity is incomplete.*

. Carcinogenicity： *Knowledge about carcinogenicity is incomplete.*

Not listed by IARC/ REACH(SVHC)/OSHA/NTP.

. Reproductive toxicity： *Based on available data, the classification criteria are not met.*

. Specific target organ toxicity - single exposure： *Knowledge about health hazard is incomplete..*

Specific target organ toxicity - repeated exposure： *Knowledge about health hazard is incomplete.*

. Aspiration hazard： *Knowledge about health hazard is incomplete.*

12 Ecological information

. Toxicity

Shall not be classified as hazardous to the aquatic environment.

. Persistence and degradability

Data are not available.

. Bioaccumulative potential

Data are not available.

. Mobility in soil

Data are not available.

. Results of PBT and vPvB assessment

Data are not available.

. Other adverse effects

Endocrine disrupting potential

None of the ingredients are listed.

13 Disposal considerations

. Dispose of contents/ container in accordance with the local/regional/national/international regulations.

. Dispose of waste product in a permitted industrial waste facility.

As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes.

Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical

substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated. & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

14 Transport information

. Road transport notes: *Not classified.*
. Rail transport notes: *Not classified.*
. Sea transport notes: *Not classified.*
. Air transport notes: *Not classified.*

. 1UN Number:
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
. UN proper shipping name: *Not classified for transportation.*
. Transport and hazard class(es): *Not classified for transportation.*
. Packing group: *Not classified for transportation.*
. Environmental hazards
. Environmentally hazardous substances / marine pollutant: *no*
. Special precautions for user: *Not classified for transportation.*
. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable

15 Regulatory information

. Safety, health and environmental regulations / legislation specific for the substance or mixture
. Approved code of practice: *Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.*
. Guidance notes: *Workplace Exposure Limits EH40.*
. EU Legislation: *Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulations (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.*
. Chemical Safety Assessment: *Not applicable. No chemical safety assessment has been carried out.*

16 Other information

The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1907/2006, REGULATION (EC) No 1272/2008, EU Commission Directive 1999/45/EC, 1967/548/EEC.

DISCLAIMER OF LIABILITY

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