



Product Name ADEKA TOL SO-120
Issue Date 09-Jun-2020

SAFETY DATA SHEET

Safety data sheet number EU - 01684-00
Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code 01684-00
Product Name ADEKA TOL SO-120

Single Substance or Mixture

Contains Alcohols, C12-14-secondary, ethoxylated

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

Recommended Use No information available

1.3. Details of the supplier of the safety data sheet

Distributor
ADEKA Europe GmbH
Berliner Allee 22, 40212 Düsseldorf, GERMANY
TEL: +49-211-179-2450
FAX: +49-211-171-0470

Manufacturer
ADEKA CORPORATION
2-35, HIGASHI-OGU 7-CHOME, ARAKAWA-KU, TOKYO 116-8554, JAPAN
TEL: +81-3-4455-2833
FAX: +81-3-3809-8232

For further information, please contact

1.4. Emergency telephone number

Emergency Telephone +49-211-179245-0 (09:00-17:00)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008	Category 4 - (H312)
Acute toxicity - Dermal	Category 2 - (H315)
Skin corrosion/irritation	Category 2 - (H319)
Serious eye damage/eye irritation	

2.2. Label elements



Signal word
Warning

Hazard statements

H312 - Harmful in contact with skin
H315 - Causes skin irritation

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H319 - Causes serious eye irritation

Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P312 - Call a POISON CENTRE or doctor if you feel unwell
P321 - Specific treatment
P332 - Specific measures
P337 + P313 - If skin irritation occurs: Get medical advice/attention
P337 + P313 - If eye irritation persists: Get medical advice/attention
P362 + P364 - Take off all contaminated clothing and wash it before re-use
P501 - Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards

Unknown acute toxicity
Unknown Aquatic Toxicity
>99% of the mixture consists of ingredient(s) of unknown toxicity
>99% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Other hazards

General Hazards
Toxic to aquatic life
No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Mixture Substance

Chemical Name	EC No	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008	REACH Registration Number	Index No
Alcohols, C12-14-secondary, ethoxylated		84133-50-6	>99%	CLP Acute Dermal Tox. 4 (H312) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319) Aquatic Acute 2 (H401)	Fully complying with REACH	

Section 4: FIRST AID MEASURES

Inhalation

Move victim to fresh air. Seek immediate medical attention/advice.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a doctor.

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.

Ingestion

Rinse mouth. Do NOT induce vomiting. Seek immediate medical attention/advice.

Symptoms

No information available.

Self-protection of the first aider

Use personal protective equipment as required. Use personal protection recommended in Section 8.

Note to doctors

Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, CO ₂ , sand, earth, water spray or regular foam
Unsuitable extinguishing media	Do not use straight streams
Specific hazards arising from the chemical	Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.
Special Extinguishing Media	Dry chemical, CO ₂ , sand, earth, water spray or regular foam. Evacuate personnel to safe areas. Avoid release to the environment. Do not allow run-off from fire-fighting to enter drains or water courses.
Special protective equipment for fire-fighters	Use personal protective equipment as required. Wear self contained breathing apparatus for fire fighting if necessary

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. Ventilate the area.
For emergency responders	Use personal protection recommended in Section 8.
Environmental precautions	Do not allow into any sewer, on the ground or into any body of water.
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Flush area with flooding quantities of water. Take up with sand, earth or other non-combustible absorbent material.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations. Remove all sources of ignition.

Section 7: HANDLING AND STORAGE

Handling	Shower, Eyewash stations. Ventilation systems. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.
Technical measures	Wash thoroughly after handling.
Advice on safe handling	General Hygiene Considerations: None in particular.
Storage	Keep container tightly closed in a well-ventilated place. Container away from direct sunlight, store in a cool place of the room as much as possible. Avoid contact with oxidizing agent.
Storage Conditions	Steel container (cans, drums, etc.)
Packaging materials	

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

9.1. Control Parameters	
Exposure Limits	No information available.
Derived No Effect Level (DNEL)	No information available.
Predicted No Effect Concentration (PNEC)	No information available.

8.2. Exposure controls**Engineering Controls**

Showers, Eyewash stations. Ventilation systems. Use only with adequate ventilation and in closed systems. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Minimise exposure by partial enclosure of the operation or equipment and provide extract ventilation at openings.

Personal protective equipment

Eyeface protection	Wear safety glasses with side shields (or goggles).
Hand Protection	Wear protective gloves.
Skin and body protection	Wear protective gloves and protective clothing.
Respiratory protection	Gas mask.

Environmental exposure controls

No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Physical state	No information available
Appearance	light yellow
Colour	Specific odor
Odour	No information available
Odour threshold	6 - 7
pH	No information available
Melting point/freezing point	<= 250 °C
Boiling point / boiling range	No information available
Initial boiling point	220 °C
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	No information available
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapour pressure	133 Pa @ 20 °C
Vapour density	No information available
Specific Gravity	0.99 @ 20 °C
Density	No information available
Water solubility	Appreciable
Solvent solubility	Appreciable
Partition Coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	52 mPa s @ 25 °C
viscosity	No information available
pour point	No information available
Other Information	Ethanol Organic solvent
Explosive properties	No information available
Oxidising properties	No information available

Section 10: STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal use conditions.

Conditions to avoid No information available
Incompatible materials No information available
Hazardous Decomposition Products No information available
Other No information available

Section 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Acute toxicity No information available
Skin corrosion/irritation Causes skin irritation
Serious eye damage/eye irritation Causes serious eye irritation
Sensitisation
Respiratory sensitisation No information available
Skin sensitisation No information available
Germ cell mutagenicity No information available
Carcinogenicity No information available
Reproductive toxicity No information available
STOT - single exposure No information available
STOT - repeated exposure No information available
Aspiration hazard No information available

Section 12: ECOLOGICAL INFORMATION**12.1. Toxicity**

No information available

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No information available

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues/unused products
Contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations
Improper disposal or reuse of this container may be dangerous and illegal

Section 14: TRANSPORT INFORMATION

IMDG	UNID No	Proper shipping name	Hazard Class	Packing Group	Marine pollutant
RID	Not applicable	-	-	-	Not applicable
ADR	Not applicable	-	-	-	Not applicable
IATA	Not applicable	-	-	-	Not applicable

Section 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

WGK Classification (VwVwS) No information available

International Inventories

AICS Listed
DSL Listed
REACH Please contact
ENCS Listed
IECSC Listed
KECL Listed
PICCS Listed
TSCA Please contact
TCSI Listed
Legend:
AICS - Australian Inventory of Chemical Substances
DSL - Canadian Domestic Substances List
REACH - Registration, Evaluation, Authorization and Restriction of Chemicals
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
TCSI - Taiwan Chemical Substance Inventory

15.2. Chemical safety assessment

No information available.

Section 16: OTHER INFORMATION**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H&P-Statements referred to under section 2**

H312 - Harmful in contact with skin
H315 - Causes skin irritation
H319 - Causes serious eye irritation
P284 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P312 - Call a POISON CENTRE or doctor if you feel unwell

P321 - Specific treatment
P332 - Specific measures
P332 + P313 - If skin irritation occurs. Get medical advice/attention
P337 + P313 - If eye irritation persists: Get medical advice/attention
P362 + P364 - Take off all contaminated clothing and wash it before re-use
P501 - Dispose of contents/container to an approved waste disposal plant

SVHC Substances of Very High Concern for Authorisation:
TWA (time-weighted average)
STEL (Short Term Exposure Limit)
Ceiling
Maximum limit value
Skin designation

Key literature references and sources for data

ACGIH - Threshold Limit Values
U.S. - OSHA - Final PELs
EU - Occupational Exposure (2006/15/EC)
EU - Occupational Exposure (2000/39/EC)
EU - Occupational Exposure (2009/16/EC)
IARC
EU - CLP (1272/2008) - Annex VI
Classification according to Regulation (EC) No 1272/2008 [CLP]

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Revision Note No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

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