MICRO® A07

Temporary Rubber Lubricant Gel

Date of issue: 2023-03-23 Replaces version 2022-11-18

SECTION 1: Identification

1.1 Product identifier

Trade name **MICRO® A07**

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

Relevant identified uses
All-purpose cleaner
Temporary Rubber Assembly Lubricant
Industrial use
Do not use for private purposes (household)

1.3 Details of the supplier of the safety data sheet

International Products Corporation
201 Connecticut Drive
Burlington NJ 08016
United States

Telephone: +1 (609) 386-8770
Telefax: +1 (609) 386-8438
e-mail: mkt@ipcol.com
Website: https://www.ipcol.com/

1.3.1 Additional information

Manufacturer

Name	Street	Postal code/city	Country	Telephone	e-Mail	Website
International Products Corporation	201 Connecticut Drive	08016 Burlington	United States	1-609-386-8770	mkt@Ipcol.com	www.ipcol.com

1.4 Emergency telephone number

1.4.1 Emergency information service
+1 (609) 386-8770
This number is only available during the following office hours: Mon-Fri 08:00 AM - 04:30 PM, Eastern Time

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Classification acc. to GHS

Section	Hazard class	Category	Hazard class and category	Hazard statement
A.3	serious eye damage/eye irritation	2A	Eye Irrit. 2A	H319

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word warning

- Pictograms

GHS07

Hazard statements.

Signal word	Symbol(s)	Code	Hazard statement.
warning		H319	causes serious eye irritation

- Precautionary statements

Code	Precautionary statements.
P280	wear eye protection/face 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.
P337+P313	if eye irritation persists: Get medical advice/attention.

2.3 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.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0,1%.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	CAS No 68584-25-8	5 – < 10	Skin Corr. 1C / H314 Eye Dam. 1 / H318 HNOC001 HNOC010	
Ammonium Xylene Sulfonate	CAS No 26447-10-9	1 – < 5	Eye Irrit. 2 / H319 HNOC002	

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Ammonium Hydroxide	CAS No 1336-21-6	1 – < 5	Skin Corr. 1A / H314 Eye Dam. 1 / H318 STOT SE 3 / H335 HNOC005	

SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)

5.3 Advice for firefighters

Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 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.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder

Appropriate containment techniques

Use of adsorbent materials.

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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

- Handling of incompatible substances or mixtures

- Keep away from

Caustic solutions

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

- Specific designs for storage rooms or vessels

- Storage temperature Recommended storage temperature: 2 – 43 °C

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)
this information is not available

Relevant DNELs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	68584-25-8	DNEL	4.1 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	68584-25-8	DNEL	5.29 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects
Ammonium Xylene Sulfonate	26447-10-9	DNEL	26.9 mg/m³	human, inhalatory	worker (industry)	chronic - systemic effects
Ammonium Xylene Sulfonate	26447-10-9	DNEL	136.3 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

Relevant PNECs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	68584-25-8	PNEC	0.268 mg/l	aquatic organisms	freshwater	short-term (single instance)
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	68584-25-8	PNEC	0.027 mg/l	aquatic organisms	marine water	short-term (single instance)
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	68584-25-8	PNEC	7 mg/l	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	68584-25-8	PNEC	8.1 mg/kg	aquatic organisms	freshwater sediment	short-term (single instance)
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	68584-25-8	PNEC	8.1 mg/kg	aquatic organisms	marine sediment	short-term (single instance)
Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine	68584-25-8	PNEC	35 mg/kg	terrestrial organisms	soil	short-term (single instance)
Ammonium Xylene Sulfonate	26447-10-9	PNEC	0.23 mg/l	aquatic organisms	freshwater	short-term (single instance)

Relevant PNECs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
Ammonium Xylene Sulfonate	26447-10-9	PNEC	0.023 $^{mg}/_{l}$	aquatic organisms	marine water	short-term (single instance)
Ammonium Xylene Sulfonate	26447-10-9	PNEC	100 $^{mg}/_{l}$	aquatic organisms	sewage treatment plant (STP)	short-term (single instance)
Ammonium Xylene Sulfonate	26447-10-9	PNEC	0.862 $^{mg}/_{kg}$	aquatic organisms	freshwater sediment	short-term (single instance)
Ammonium Xylene Sulfonate	26447-10-9	PNEC	0.086 $^{mg}/_{kg}$	aquatic organisms	marine sediment	short-term (single instance)
Ammonium Xylene Sulfonate	26447-10-9	PNEC	0.037 $^{mg}/_{kg}$	terrestrial organisms	soil	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection. Use protective eyewear to guard against splash of liquids. Work with safety glasses.

Skin protection

- Hand protection

Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. 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.

- Type of material

PVC: polyvinyl chloride, PE: polyethylene, NR: natural rubber, latex, CR: chloroprene (chlorobutadiene) rubber, NBR: acrylonitrile-butadiene rubber, IIR: isobutene-isoprene (butyl) rubber, FKM: fluoro-elastomer, PVA: polyvinyl alcohol, Nitrile

- Material thickness

At least 4 mil.

- Breakthrough times of the glove material

>240 minutes (permeation: level 5)

- Other protection measures

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. Half mask (EN 140). Type : A (against organic gases and vapors with a boiling point of > 65 °C , color code: Brown).

Environmental exposure controls

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	clear-colorless-light yellow
Particle	not relevant (liquid)
Odor	mild

Other safety parameters

pH (value)	2 – 4 (25 °C)
Melting point/freezing point	-8 °C
Initial boiling point and boiling range	100 °C
Flash point	not determined
Evaporation rate	Not determined
Flammability (solid, gas)	not relevant, (fluid)
Vapor pressure	<5 Pa at 20 °C
Density	1.12 – 1.16 $^{g}/_{ml}$ at 25 °C
Vapor density	this information is not available
Solubility(ies)	not determined

Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	440 °C (auto-ignition temperature (liquids and gases))
Explosive properties	none
Oxidizing properties	none

SECTION 10: Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability Shelf-life

Shelf-life.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Do not mix with other chemicals.

10.5 Incompatible materials

Avoid extended contact with uncured paint, zinc, aluminum, cold rolled steel, or copper and its alloys. Avoid contact with polycarbonate, polymethyl methacrylate, and polyphenylene oxide as these plastics may craze over time. Refer to product's compatibility sheets for further details.

10.6 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.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Basis of test data.

Classification procedure

The classification is based on tested mixture.

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

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.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified 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.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

None of the ingredients are listed.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

May be disposed according to local, state and federal regulations.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

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

SECTION 14: Transport information

14.1 UN number

ICAO-TI	UN 1760

14.2 UN proper shipping name

	not assigned
ICAO-TI	Corrosive liquid, n.o.s.

14.3 Transport hazard class(es)

ICAO-TI	8

14.4 Packing group (substance presenting medium danger)

ICAO-TI II

14.5 Environmental hazards non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA) all ingredients are listed as "ACTIVE"

Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

None of the ingredients are listed.

- Specific Toxic Chemical Listings (EPCRA Section 313)

None of the ingredients are listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
Ammonium Hydroxide	1336-21-6		1	1000 (454)

Legend
1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act

Clean Air Act

None of the ingredients are listed.

Right to Know Hazardous Substance List

- Hazardous Substance List (NJ-RTK)

Name of substance	CAS No	Remarks	Classifications
Ammonium Hydroxide	1336-21-6		CO

Legend
CO Corrosive

National inventories

Country	National inventories	Status
EU	REACH Reg.	all ingredients are listed
US	TSCA	all ingredients are listed

Legend
REACH Reg. REACH registered substances
TSCA Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information, including date of preparation or last revision

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO-TI	Technical instructions for the safe transport of dangerous goods by air
IMDG	International Maritime Dangerous Goods Code
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
STOT SE	Specific target organ toxicity - single exposure
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

The classification is based on tested mixture.

Classification on the basis of specific effects on human health (CMR effects)

The classification is based on:

Harmonized (legal) classification.

Classification on the basis of environmental effects

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

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

Code	Text
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.