SAFETY DATA SHEET

Product name: Tekamide 32 Defoamer **Issue Date**:01/1/2026

1.IDENTIFICATION

Product name: Tekamide-32 Defoamer

Recommended use of the chemical and restrictions on use

Identified uses:Multi-purpose surfactant.We recommend that you use this product in a manner consistent with the listed use.If your intended use is not consistent with the stated use,please contact your sales or technical service representative.

COMPANY IDENTIFICATION

Mr Tek Ltd
Room 06,13A/F., South Tower, World Finance Center, Harbour City, 17,Canton Road | Tsim Sha Tsui, Kowloon, Hong kong| China

EMERGENCY TELEPHONE NUMBER

0086 138 1854 7689

2.HAZARDS IDENTIFICATION

Hazard classification

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity-Category 4-Oral

Label elements

Hazard pictograms

Signal word: **WARNING!**

Hazards

Harmful if swallowed.

Precautionary statements

Prevention

Wash skin thoroughly after handling.

Do not eat,drink or smoke when using this product.

Response

IF SWALLOWED:Calla POISON CENTER/doctor if you feel unwell.Rinse mouth.

Disposal

Dispose of contents and/or container to an approved waste disposal plant.

Other hazards

Slipping hazard.

3.COMPOSITION/INFORMATION ON INGREDIENTS		
This product is a mixture.		
Component	**CASRN**	**Concentration**
Amines,C12-14-tert-alkyl,ethoxylated propoxylate	68603-58-7	95.0%
Water	7732-18-5	5.0%
4.FIRST AID MEASURES		

Description of first aid measures
General advice:

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: Move person to fresh air and keep comfortable for breathing;consult a physician.

Skin contact:Wash off with plenty of water.Suitable emergency safety shower facility should be

available in work area.

Eye contact: Flush eyes thoroughly with water for several minutes.Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes.f effects occur,consult a physician,preferably an ophthalmologist.Suitable emergency eye wash facility should be available in work area.

Ingestion: If swallowed,seek medical attention.Do not induce vomiting unless directed to do so by medical personnel.

Most important symptoms and effects,both acute and delayed:

Aside from the information found under Description of first aid measures(above)and Indication of immediate medical attention and special treatment needed(below),any additional important symptoms and effects are described in Section 11:Toxicology Information.

Indication of any immediate medical attention and special treatment needed

Notes to physician: No specific antidote.Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5.FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:To extinguish combustible residues of this product use water fog,carbon dioxide,dry chemical or foam..

Unsuitable extinguishing media: No data available

Special hazards arising from the substance or mixture

Hazardous combustion products: During a fire,smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.. Combustion products may include and are not limited to:.Nitrogen oxides..Carbon monoxide.Carbon dioxide..

Unusual Fire and Explosion Hazards: This material will not burn until the water has evaporated.Residue can burn..

Advice for firefighters

Fire Fighting Procedures: Keep people away.Isolate fire and deny unnecessary entry..To extinguish combustible residues of this product use water fog,carbon dioxide,dry chemical or foam..

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA)and protective fire fighting clothing(includes fire fighting helmet, coat,trousers,boots,and gloves)..Avoid contact with this material during fire fighting operations.If contact is likely,change to full chemical resistant fire fighting clothing with self-contained breathing apparatus.If this is not available,wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location..For protective equipment in post-fire or non-fire clean-up situations,see Section 8 of the safety data sheet..

6.ACCIDENTAL RELEASE MEASURES

Personal precautions,protective equipment and emergency procedures: Isolate area.Keep unnecessary and unprotected personnel from entering the area.Spilled material may cause a slipping hazard.Refer to section 7,Handling,for additional precautionary measures.Use appropriate safety equipment.For additional information,refer to Section 8,Exposure Controls and Personal Protection.

Environmental precautions: Prevent from entering into soil,ditches,sewers,waterways and/or groundwater.See Section 12,Ecological Information.

Methods and materials for containment and cleaning up: Contain spilled material if possible. Absorb with materials such as:Sand.Dirt.Do not use water for cleanup.Collect in suitable and properly labeled containers.See Section 13,Disposal Considerations,for additional information.

7.HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes.Do not swallow.Wash thoroughly after handling.

Conditions for safe storage: Store in accordance with good manufacturing practices.Additional storage and handling information on this product may be obtained by calling your sales or customer service contact.T he shelf life given is for unopened containers stored under moderate temperature conditions.

Storage stability

Shelf life:Use within 24 Month

8.EXPOSURE PERSONAL PROTECTION

Control parameters

If exposure limits exist,they are listed below.f no exposure limits are displayed,then no values are applicable.

Exposure controls

Engineering controls: Use local exhaust ventilation,or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines.If there are no applicable exposure limit requirements or guidelines,general ventilation should be sufficient for most operations.Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection: Use chemical goggles.
Skin protection

Hand protection: Use gloves chemically resistant to this material.Examples of preferred glove barrier materials include:Polyethylene.Ethyl vinyl alcohol laminate ("EVAL").Examples of acceptable glove barrier materials include:Chlorinated polyethylene.Nitrile/butadiene rubber("nitrile"or "NBR").Polyvinyl alcohol ("PVA"). NOTICE:The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as,but not limited to:Other chemicals which may be handled,physical requirements (cut/puncture protection,dexterity,thermal protection),potential body reactions to glove materials,as well as the instructions/specifications provided by the glove supplier.

Other protection: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield,boots,apron,or full body suit will depend on the task.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.If there are no applicable exposure limit

requirements or guidelines,wear respiratory protection when adverse effects,such as respiratory irritation or discomfort have been experienced,or where indicated by your risk assessment process.For most conditions no respiratory protection should be needed; however,if discomfort is experienced,use an approved air-purifying respirator.

The following should be effective types of air-purifying respirators:Organic vapor cartridge.

9.PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state	Liquid.
Color	Yellow
Odor	Mild

Odor Threshold	No test data available
pH	10.6 Calculated
Melting point/range	Not applicable to liquids
Freezing point	-9℃(16°F)C *alculated.*
Boiling point (760 mmHg)	112℃(234°F)C *alculated.*
Flash point	**closed cup** None
Evaporation Rate(Butyl Acetate =1)	0.70 *Calculated.*
Flammability(solid,gas)	Not applicable to liquids
Flammability(liquids)	Not expected to be a static-accumulating flammable liquid.
Lower explosion limit	No test data available
Upper explosion limit	No test data available
Vapor Pressure	15.22 mmHg at 20℃(68 °F)C*alculated.*
Relative Vapor Density(air=1)	0.62 C*alculated.* Volatile portion
Relative Density(water=1)	1.04 Calculated.
Water solubility	*Visual* completely soluble
Partition coefficient:n-octanol/water	No data available
Auto-ignition temperature	No test data available
Decomposition temperature	No test data available
Kinematic Viscosity	534 cSt at 25℃(77°F)C*alculated.*
Explosive properties	No data available
Oxidizing properties	No data available
Molecular weight	No data available
Molecular formula	Not applicable (mixture)

NOTE:The physical data presented above are typical values and should not be construed as a specification.

10.STABILITY AND REACTIVITY

Reactivity: No data available

Chemical stability: Thermally stable at recommended temperatures and pressures.

Possibility of hazardous reactions: Polymerization will not occur.

Conditions to avoid: Exposure to elevated temperatures can cause product to decompose.

Incompatible materials: Avoid contact with:Strong acids.Strong bases.Strong oxidizers.

Hazardous decomposition products: Decomposition products depend upon temperature,air supply and the presence of other materials..

11.TOXICOLOGICAL INFORMATION

Toxicological information appears in this section when such data is available.

Information on likely routes of exposure

Ingestion,Inhalation,Skin contact,Eye contact.

Acute toxicity(represents short term exposures with immediate effects-no chronic/delayed effects known unless otherwise noted)

Acute oral toxicity

Information for the Product:

Low toxicity if swallowed.Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury;however,swallowing larger amounts may cause injury.

Based on product testing:
LD50,Rat,>1,270 mg/kg

Information for components:

Amines.C12-14-tert-alkyl,ethoxylated propoxylate

LD50,Rat,>1,270 mg/kg

Acute dermal toxicity

Information for the Product:

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Based on product testing:

LD50,Rabbit,>16,000 mg/kg

Information for components:

Amines.C12-14-tert-alkyl,ethoxylated propoxylate

LD50,Rabbit,>16,000 mg/kg

Acute inhalation toxicity

Information for the Product:

Brief exposure(minutes)is not likely to cause adverse effects.For narcotic effects:No relevant data found.

As product:The LC50 has not been determined.

Information for components:

Amines,C12-14-tert-alkyl,ethoxylated propoxylate

The LC50 has not been determined.

Skin corrosion/irritation

Information for the Product:

Based on product testing:

Brief contact may cause slight skin irritation with local redness.

Information for components:

Amines,C12-14-tert-alkyl,ethoxylated propoxylate

Brief contact may cause slight skin irritation with local redness.

Serious eye damageleye irritation

Information for the Product:

Based on product testing:
May cause moderate eye irritation.
Corneal injury is unlikely.

Information for components:

Amines,C12-14-tert-alkyl,ethoxylated propoxylate

May cause moderate eye irritation.
Corneal injury is unlikely.

Sensitization

Information for the Product:

For skin sensitization:
No relevant data found.

For respiratory sensitization:
No relevant data found.

Information for components:

Amines.C12-14-tert-alkyl,ethoxylated propoxvlate

For skin sensitization:
No relevant data found.

For respiratory sensitization:
No relevant data found.

Specific Target Organ Systemic Toxicity(Single Exposure)

Information for the Product:

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Information for components:

Amines,C12-14-tert-alkyl,ethoxylated propoxylate

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Aspiration Hazard

Information for the Product:

Based on physical properties,not likely to be an aspiration hazard.

Information for components:

Amines.C12-14-tert-alkyl.ethoxylated propoxylate

Based on physical properties,not likely to be an aspiration hazard.

Chronic toxicity(represents longer term exposures with repeated dose resulting in chronic/delayed effects -no immediate effects known unless otherwise noted)

Specific Target Organ Systemic Toxicity(Repeated Exposure)

Information for the Product:

No relevant data found.

Information for components:

Amines,C12-14-tert-alkyl,ethoxylated propoxylate
No relevant data found.

Carcinogenicity

Information for the Product:

No relevant data found.

Information for components:

Amines.C12-14-tert-alkyl,ethoxylated propoxylate

No relevant data found.

Teratogenicity

Information for the Product:

No relevant data found.

Information for components:

Amines.C12-14-tert-alkyl,ethoxylated propoxylate

No relevant data found.

Reproductive toxicity

Information for the Product:

No relevant data found.

Information for components:

Amines.C12-14-tert-alkyl.ethoxvlated propoxvlate

No relevant data found.

Mutagenicity

Information for the Product:

No relevant data found.

Information for components:

Amines,C12-14-tert-alkyl,ethoxylated propoxylate
No relevant data found.

12. ECOLOGICAL INFORMATION

E*cotoxicological information appears in this section when such data is available.*

Toxicity

Acute toxicity to fish

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50>100 mg/L in the most sensitive species tested).

LC50,Pimephales promelas (fathead minnow),static test,96 Hour,412 mg/l,OECD Test Guideline 203 or Equivalent

Acute toxicity to aquatic invertebrates

EC50,Daphnia magna(Water flea),48 Hour,660-1,056 mg/l,OECD Test Guideline 202 or Equivalent

Toxicity to bacteria

IC50,Bacteria,16 Hour,>5,000 mg/l

Persistence and degradability

Biodegradability: Based on stringent OECD test guidelines,this material cannot be

considered as readily biodegradable;however,these results do not necessarily mean that the material is not biodegradable under environmental conditions.
10-day Window:Not applicable
Biodegradation: <60%
Exposure time: 28 d

Method:OECD Test Guideline 301F or Equivalent

Bioaccumulative potential

Bioaccumulation: No relevant data found.

Mobility in soil

No relevant data found.

13. DISPOSAL CONSIDERATIONS

Disposal methods:DO NOT DUMP INTO ANY SEWERS,ON THE GROUND,OR INTO ANY BODY OF WATER.All disposal practices must be in compliance with all Federal,State/Provincial and local laws and regulations.Regulations may vary in different locations.Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.AS YOUR

SUPPLIER,WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL.THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS

INTENDED CONDITION AS DESCRIBED IN MSDS SECTION:Composition Information.FOR UNUSED&UNCONTAMINATED PRODUCT,the preferred options include sending to a licensed, permitted:Incinerator or other thermal destruction device.

14.TRANSPORT INFORMATION

DOT

Not regulated for transport

Classification for SEA transport(IMO-IMDG):

Not regulated for transport

Transport in bulk according to Annex I orII of MARPOL 73/78 and the IBC or IGC Code	Consult IMO regulations before transporting ocean bulk

Classification for AIR transport (IATA/ICAO):

Not regulated for transport

This information is not intended to convey all specific regulatory or operational

requirements/information relating to this product.Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.Additional

transportation system information can be obtained through an authorized sales or customer service representative.It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

15.REGULATORY INFORMATION

Superfund Amendments and Reauthorization Act of 1986 Title Ⅲ(Emergency Planning and Community Right-to-Know Act of 1986)Sections 311 and 312
Acute toxicity(any route of exposure)

Superfund Amendments and Reauthorization Act of 1986 Title I(Emergency Planning and Community Right-to-Know Act of 1986)Section 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis)reporting levels established by SARA TitleⅢ,Section 313.

Pennsylvania Worker and Community Right-To-Know Act:

To the best of our knowledge,this product does not contain chemicals at levels which require reporting under this statute.

WARNING:This product can expose you to chemicals including Propylene oxide,which is/are known to the State of California to cause cancer.For more information go to www.P65Warnings.ca.gov.

United States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act(TSCA)Chemical Substance Inventory.

16.OTHER INFORMATION

Product Literature

Additional information on this and other products may be obtained by visiting our web page.

Additional information on this product may be obtained by calling your sales or customer service contact.Ask for a product brochure.

Hazard Rating System
NFPA

Health	Flammability	Instability
1	1	0

Most recent revision(s)are noted by the bold,double bars in left-hand margin throughout this document.

Full text of other abbreviations

Information Source and References

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

Mr Tek Ltd urges each customer or recipient of this(M)SDS to study it carefully and consult appropriate expertise,as necessary or appropriate,to become aware of and understand the data contained in this(M)SDS and any hazards associated with the product.The information herein is provided in good faith and believed to be accurate as of the effective date shown above.However,no warranty,express or implied,is given.Regulatory requirements are subject to change and may differ between various locations.It is the buyer's/user's responsibility to ensure that his activities comply with allfederal,state,provincial or local laws.The information presented here pertains only to the product as shipped.Since conditions for use of the product are not under the control of the manufacturer,it is the buyer'sluser's duty to determine the conditions necessary for the safe use of this product.Due to the proliferation of sources for information such as manufacturer-specific(M)SDSs,we are not and cannot be responsible for(M)SDSs obtained from any source other than ourselves.If you have obtained an(M)SDS from another source or if you are not sure that the (M)SDS you have is current,please contact us for the most current version.