

Safety Data Sheet
According to Regulation (EU) No. 1907/2006, Annex II,
According to Regulation (EU) No. 1272/2008
Amended by REGULATION (EU) No 453/2010

Sodium 2-acrylamido-2-methylpropanesulfonate

SDS Record Number: **CSSS-TCO-010-100327**

Printing date: 10/12/2010

Version 1.1

Revision date:10/12/2010

1 Identification of the mixture and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name:	Sodium 2-acrylamido-2-methylpropanesulfonate
Additional identification:	Sodium 2-acrylamido-2-methylpropanesulfonate
Identification of the product:	CAS# 5165-97-9; EC# 225-948-4
Index Number:	Not available
REACH registration No.:	Not available

1.2 Relevant identified uses of the mixture and uses advised against:

1.2.1 Identified uses:

Not available.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative):	Chemical Inspection & Regulation Service Limited
Supplier(Manufacturer):	All-plus Chemical Co.,Ltd
Address:	Room 2109 Sunning Universal Hotel No.188 Guangzhou Road Nanjing City, Jiangsu Province, China
Contact person(E-mail):	Mary Chen (marychen@all-plus.net)
Telephone:	+ 86 25 83203063
Fax:	+ 86 25 83203093

1.4 Emergency telephone Number:

+353 41 980 6916

Available outside office hours?

YES

NO

2 Hazards Identification

2.1 Classification of the mixture

2.1.1 Classification:

The mixture is classified as following according to 1999/45/EC and REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
N/A	N/A

For full text of H- phrases: see section 2.2.

1999/45/EC	
Hazards characteristics	R-Phrases
N/A	N/A

For full text of R- phrases: see section 16.

2.1.2 The most important adverse effects

2.1.2.1 The most important adverse physicochemical effects:

Not applicable.

2.1.2.2 The most important adverse human health effects:

Not applicable.

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2.1.2.3 The most important adverse environmental effects:

Not applicable.

2.2 label elements

Hazard Pictograms: No pictogram is used.
Signal Word(S): No signal word is used.
Hazard Statement: Not applicable.
Precautionary Statement: Not applicable.

2.3 Other hazards

Not available (PBT, vPvB, Substance is an endocrine disruptor etc.)

3 Composition/information on ingredients

Substance/Mixture: Mixture

Ingredient(s):

Chemical Name	Registration No.	Index number.	CAS No.	EC No.	Concentration	Classification according to EU CLP 1272/2008
Sodium 2-acrylamido-2-methylpropanesulfonate	N/A	N/A	5165-97-9	225-948-4	50%	N/A
Water	N/A	N/A	7732-18-5	231-791-2	50%	-

Chemical Name	Registration No.	Index number.	CAS No.	EC No.	Concentration	Classification according to 67/548/EEC
Sodium 2-acrylamido-2-methylpropanesulfonate	N/A	N/A	5165-97-9	225-948-4	50%	N/A
Water	N/A	N/A	7732-18-5	231-791-2	50%	-

4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

Remove exposed person to fresh air if adverse effects are observed.

4.1.2 In case of skin contact:

Wash with soap and water. Get medical attention if irritation develops.

4.1.3 In case of eyes contact:

Flush with water at least 30 minutes. Get medical attention if eye irritation develops or persists.

4.1.4 In case of ingestion:

DO NOT INDUCE VOMITING. Get immediate medical attention.

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4.2 Most important symptoms and effects, both acute and delayed

Not available.

4.3 Indication of any immediate medical attention and special treatment needed

Not available

5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: CO2, dry chemical, foam, water spray, water fog.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

Material will not burn until water has been evaporated. Toxic fumes, gases or vapors may evolve on burning. Container may rupture on heating.

5.3 Advice for fire-fighters:

Recommend wear self-contained breathing apparatus.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:

Remove ignition sources. Provide adequate ventilation. Avoid inhalation of vapour or dust. Avoid skin and eye contact. Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2 For emergency responders:

Wear an appropriate NIOSH/MSHA approved respirator if mist, vapor or dust is generated.

6.2 Environmental Precautions:

Avoid mist formation.

6.3 Methods for Containment and Cleaning up:

In case of release, cover any spilled material in order to prevent dispersal by wind and take up mechanically and dispose of according to local regulations.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

6.5 Additional information:

Wet clean or vacuum up solids.

Don't use a brush or compressed air for cleaning surfaces or clothing.

Clear spills immediately.

7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures:

Keep containers closed when not in use. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.

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7.1.2 Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

No special storage precautions required. Store in cool, dry and well-ventilated area.

7.3 Specific end use(s):

Not applicable.

8 Exposure control/personal protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: None listed.

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Use with adequate ventilation.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection Safety glasses.

Hand protection Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically protective gloves

Body protection Wear suitable protective clothing to prevent skin exposure.

Respiratory protection Under normal use conditions, respirator is not usually required.

Thermal hazards Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls:

Avoid discharge into the environment. This material and its container must be disposed of as hazardous waste.

According to local regulations, Federal and official regulations.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Colour:	Light amber
Odour:	Mild
Odour threshold:	Not available
pH:	8.3 min (25°C)
Melting point/range (°C):	Not applicable
Boiling point/range (°C) :	Not applicable
Flash point (°C) :	Not applicable
Evaporation rate:	Not applicable
Flammability (solid, gas);	Not applicable
Ignition temperature (°C) :	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (20°C) :	Not available
Vapour density:	Not available
Relative Density (15.6°C)	1.22
Bulk density (kg/m ³) :	1.419-1.424
Water solubility (g/l) at 20°C :	Soluble

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n-Octanol/Water (log Po/w) :	Not determined
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (Pa s) :	6.0 cs (40°C)
Explosive properties:	Not applicable
Oxidising properties:	Not applicable

9.2. Other information:

Fat solubility(solvent– oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available

10 Stability and reactivity

10.1 Reactivity:

The substance is stable under normal storage and handling conditions.

10.2 Chemical stability:

Material is normally stable at moderately elevated temperatures and pressures.

10.3 Possibility of hazardous reactions:

Under normal conditions, not hazardous reactions will occur.

10.4 Conditions to avoid:

Not determined.

10.5 Incompatible materials:

Oxidizing agents

10.6 Hazardous decomposition products:

Thermal decomposition and combustion are not expected to occur except under extreme conditions. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.

11 Toxicological information

11.1 Toxicokinetics, metabolism and distribution

Non-human toxicological data: Not available

Method: Not available

Dosis: Not available

Routes of administration: Not available

Results: Not available

Absorption: Not available

Distribution: Not available

Metabolism: Not available

Excretion: Not available

11.2 Information on toxicological effects

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Acute toxicity:

LD50(Oral, Rat): >5,000 mg/kg.

LD50(Dermal Rabbit): >2,000 mg/kg.

LD50(Inhalation, Rat): Not available

Skin corrosion/Irritation:

No irritating.

Serious eye damage/irritation:

No irritating.

Respiratory or skin sensitization:

Not classified

Germ cell mutagenicity:

This material was marginally active in an in vitro chromosome aberration study. This material showed no activity in an Ames test, an in vivo chromosome aberration study, or a CHO/HGRT in vitro cell mutation assay. Results of a dominant lethal test in rats have been negative for this material.

Carcinogenicity:

No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

reproductive toxicity:

This material was evaluated for reproduction toxicity in a OECD 421 assay. No adverse effects on reproductive parameters were observed. The No Observed Effect Level (NOEL) was established at 1,000 mg/kg/day.

STOT- single exposure:

Not classified

STOT-repeated exposure:

Not classified

Aspiration hazard:

Not classified

12 Ecological information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	> 1,000 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	> 1,000 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	> 1,000 mg/L	96h	Algae	OECD 201	N/A	N/A

Persistence and degradability:

This product shows limited biodegradation based on OECD 301-type test data for similar products. This product shows limited biodegradation based on OECD 302-type test data for similar products.

Bioaccumulative potential:

This material displays no potential to bioconcentrate.

Mobility in soil:

Not available.

Results of PBT&vPvB assessment:

Not applicable.

Other adverse effects:

Not applicable.

13 Disposal considerations

13.1 Waste treatment methods

Very small amount can be disposed of in an incineration plant.

13.2 Product / Packaging disposal:

If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations. .

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14 Transport information			
	<i>Land transport (ADR/RID)</i>	<i>Sea transport (IMDG)</i>	<i>Air transport (ICAO/IATA)</i>
UN-Number:	Not regulated	Not regulated	Not regulated
UN Proper shipping name:	Not regulated	Not regulated	Not regulated
Transport hazard Class:	Not regulated	Not regulated	Not regulated
Packaging group:	Not regulated	Not regulated	Not regulated
Environmental hazards:	Not regulated	Not regulated	Not regulated
Special precautions for user:	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated	Not regulated	Not regulated

15 Regulation information	
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
Relevant information regarding authorization:	Not applicable.
Relevant information regarding restriction:	Not applicable.
Other EU regulations:	Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.
Other National regulations:	Not applicable
Chemical Safety Assessment has been carried out?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

16 Other information	
16.1 Indication of changes	Version 1.1 Amended by EU No 453/2010
16.2 Relevant R- phrases (number and full text):	Not applicable.
16.3 Training instructions:	Not applicable.
16.4 Further information:	This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.
16.5 Notice to reader:	Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.