

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

AP3301

SDS Record Number: CSSS-TCO-010-100382

Version 1.1

Revision date: 27/12/2010

Printing date: 27/12/2010

1 Identification of the substance and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: AP3301
Additional identification: TBAA,N-tert-Butylacrylamide,
N-(1,1-Dimethylethyl)-2-propenamide
Identification of the product: CAS#107-58-4; EC#203-505-6
Index Number: Not available
REACH registration No.: Not available

1.2 Relevant identified uses of the substance 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 substance

2.1.1 Classification:

The substance is classified as following according to 67/548/EEC and REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Acute Tox. 4	H302

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

67/548/EEC	
Hazards characteristics	R-Phrases
Xn	R22

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:

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Harmful if swallowed.

2.1.2.3 The most important adverse environmental effects:

Not applicable.

2.2 label elements

Hazard Pictograms:



Signal Word(S):

Warning.

Hazard Statement:

H302: Harmful if swallowed.

Precautionary Statement:

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301 +P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 Rinse mouth

P501 Dispose of contents/container to local/regional/national/ international regulation (to be specified)

2.3 Other hazards

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

3 Composition/information on ingredients

Substance/Mixture: Substance

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration
N-TERT-BUTYLACRYLAMIDE	N/A	107-58-4	203-505-6	≥99%

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 to fresh air. Give oxygen if breathing or give artificial respiration if not breathing, and call for immediate medical attention.

4.1.2 In case of skin contact:

Flush the contaminated skin with plenty of soap and water. Remove contaminated clothing.

4.1.3 In case of eyes contact:

IMMEDIATELY rinse eyes with plenty of water for at least 15 minutes, and call for immediate medical attention.

4.1.4 In case of ingestion:

If conscious, IMMEDIATELY washout mouth and give water to drink, and call for immediate medical attention. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

If skin irritation or rash occurs, get medical advice/attention.

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Amended by REGULATION (EU) No 453/2010

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5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use agent most appropriate to extinguish fire.

Unsuitable extinguishing media: Water may not be efficient for this product because this material is not water soluble and will float on the surface of accumulated water.

5.2 Special hazards arising from the substance or mixture

Dust from this product may be explosive. Emits toxic fumes under fire conditions.

5.3 Advice for fire-fighters:

Wear self-contained breathing apparatus and protective suit.

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 self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

6.2 Environmental Precautions:

Avoid disposing into drainage/sewer system or directly into the aquatic environment. Keeping away from drains, surface-and ground-water and soil.

6.3 Methods for Containment and Cleaning up:

In case of spills, collect free solid for recycle/disposal. Avoid raising dust because the dust-air mixture may be explosive. Ventilate area and wash spill site after material pickup is complete. Prevent spills/clean-up residuals from entering waterways/sewers.

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:

Open container in a well-ventilated area. Avoid creating dust. Avoid breathing vapors/dust. Avoid contact with eyes, skin, and clothing. Remove contaminated clothing and wash thoroughly after handling. Keep containers closed when not in use. Maintain good housekeeping practices.

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.

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Amended by REGULATION (EU) No 453/2010

AP3301

SDS Record Number: CSSS-TCO-010-100382

Printing date: 27/12/2010

Version 1.1

Revision date: 27/12/2010

7.2 Conditions for safe storage, including any incompatibilities:

Store in well-ventilated area. Avoid elevated temperature. Keep containers tightly closed. Maintain good housekeeping practices.

7.3 Specific end use(s):

Not applicable.

8 Exposure control/personal protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: Not available

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:

Safety shower and eye bath. Mechanical exhaust required.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection Use faceshield or chemical safety goggles.

Hand protection Use compatible chemical-resistant gloves.

Body protection Long sleeve shirt.

Respiratory protection If airborne contaminants are generated when handling the product, sufficient airflow should be supplied to reduce contamination to acceptable level. When respiratory risks can not be avoided, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Use self-contained breathing apparatus for entry into poorly ventilated areas and large spill clean up sites.

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:	Fine crystals
Colour:	White
Odour:	Not available
Odour threshold:	Not available
pH:	Not determined
Melting point/range (°C):	126-130°C
Boiling point/range (°C) :	Not determined
Flash point (°C) :	Not available
Evaporation rate:	Not applicable
Flammability (solid, gas);	Not flammable
Ignition temperature (°C) :	Not determined
Upper/lower flammability/explosive limits:	Not determined
Vapour pressure (20°C) :	Not available
Vapour density:	Not available
Relative Density (25°C):	Not available
Bulk density (kg/m ³) :	Not determined
Water solubility (g/l) at 20°C :	Not available

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Version 1.1

Revision date: 27/12/2010

n-Octanol/Water (log Po/w) :	Not determined
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (mPa s) :	Not determined
Explosive properties:	Not determined
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:

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions:

Under normal conditions, not hazardous reactions will occur.

10.4 Conditions to avoid:

Incompatible materials, combustible materials, organic materials, reducing agents, strong acids.

10.5 Incompatible materials:

Strong oxidizing agents, Strong bases.

10.6 Hazardous decomposition products:

Carbon monoxide, Carbon dioxide, Nitrogen oxides.

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

Acute toxicity:

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Version 1.1 Revision date: 27/12/2010

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LD50(Oral, mouse):	941 mg/kg
LD50(Dermal Rabbit):	Not available
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:	Not classified
Carcinogenicity:	Not classified
reproductive toxicity:	Not classified
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	N/A	96h	Fish	OECD 203	N/A	N/A
LC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	96h	Algae	OECD 201	N/A	N/A

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

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

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.

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. .

14 Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
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

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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 NO

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):

R22 Harmful if swallowed.

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.