

F17836 Amm. acetate &gt;=99% HPLC ,250KFL

**000000020234**

Version 1.0

Revision Date 09/30/2016

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**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Ammonium acetate

Number : 000000020234

Product Use Description : Laboratory chemicals

Manufacturer or supplier's details : Honeywell International Inc.  
1953 South Harvey Street  
Muskegon, MI 49442

For more information call : 1-800-368-0050  
+1-231-726-3171  
(Monday-Friday, 9:00am-5:00pm)

**In case of emergency call : Medical: 1-800-498-5701 or +1-303-389-1414**  
: **Transportation (CHEMTREC): 1-800-424-9300 or**  
: **+1-703-527-3887**  
:  
: (24 hours/day, 7 days/week)

**SECTION 2. HAZARDS IDENTIFICATION****Emergency Overview**

Form : solid

Color : colourless

Odor : weak

**Classification of the substance or mixture**

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

Precautionary statements : **Prevention:**  
Use personal protective equipment as required.

Hazards not otherwise classified : Repeated or prolonged exposure may irritate eyes, skin and respiratory system.

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**Carcinogenicity**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Formula : C2H7NO2

Chemical nature : Substance

Chemical name	CAS-No.	Concentration
Ammonium acetate	631-61-8	<=100.00 %

**SECTION 4. FIRST AID MEASURES**

General advice : First aider needs to protect himself. Take off all contaminated clothing immediately.

Inhalation : Remove to fresh air. If breathing is difficult, give oxygen. Use oxygen as required, provided a qualified operator is present. Call a physician.

Skin contact : Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use. Call a physician if irritation develops or persists.

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation develops or persists.

Ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Call a physician.

**Notes to physician**

Treatment : Treat symptomatically.

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**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry powder
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:  
nitrogen oxides (NO<sub>x</sub>)  
Ammonia  
Carbon oxides
- Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Wear personal protective equipment.  
Provide adequate ventilation.  
Avoid dust formation.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.  
Discharge into the environment must be avoided.  
Do not flush into surface water or sanitary sewer system.  
Do not allow run-off from fire fighting to enter drains or water courses.
- Methods for cleaning up : Ventilate the area.  
Avoid dust formation.  
Sweep up and shovel into suitable containers for disposal.

**SECTION 7. HANDLING AND STORAGE****Handling**

- Handling : Wear personal protective equipment.  
Use only in well-ventilated areas.  
Avoid dust formation.  
Avoid breathing dust.

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Advice on protection against fire and explosion : Normal measures for preventive fire protection.

**Storage**

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Protective measures : Ensure that eyewash stations and safety showers are close to the workstation location.  
Legal requirements are to be considered in regard of the selection, use and care of personal protective equipment.  
Avoid dust formation.

Engineering measures : Use with local exhaust ventilation.

Eye protection : Safety glasses with side-shields

Hand protection : Latex gloves  
Gloves must be inspected prior to use.  
Replace when worn.

Skin and body protection : Protective suit

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures : When using, do not eat, drink or smoke.  
Wash hands before breaks and at the end of workday.  
Keep working clothes separately.  
Remove and wash contaminated clothing before re-use.

**Exposure Guidelines**

Contains no substances with occupational exposure limit values.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state : solid

Color : colourless

Odor : weak

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pH : 6.7 - 7.3 at , 20 °C

Melting point (decomposition) : 113 °C

Boiling point/boiling range : Note: no data available

Flash point : Note: Not applicable

Evaporation rate : Note: Not applicable

Flammability : This product is not easily inflammable.

Lower explosion limit : Note: Not applicable

Upper explosion limit : Note: Not applicable

Vapor pressure : Note: no data available

Vapor density : Note: Not applicable

Density : ca. 1.170 g/cm<sup>3</sup> at 20 °C

Water solubility : 1,480 g/l at 20 °C

Solubility in other solvents : Note: no data available

Partition coefficient:  
n-octanol/water : Note: no data available

Ignition temperature : Note: no data available

Decomposition temperature : 115 °C  
Note: Decomposition temperature

Viscosity, dynamic : Note: Not applicable

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Viscosity, kinematic : Note: Not applicable

Molecular weight : 77.08 g/mol

Bulk density : ca. 660 kg/m<sup>3</sup>**SECTION 10. STABILITY AND REACTIVITY**

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Hazardous polymerisation does not occur.

Conditions to avoid : Exposure to moisture

Incompatible materials to avoid : Strong oxidizing agents  
Strong acidsHazardous decomposition products : Ammonia  
nitrogen oxides (NO<sub>x</sub>)  
Carbon oxides**SECTION 11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity : Note: no data available

Acute inhalation toxicity : Note: no data available

Acute dermal toxicity : Note: no data available

Skin irritation : Species: Rabbit  
Result: No skin irritation  
Method: OECD Test Guideline 404  
Test substance: REACH dossier "read-across"Eye irritation : Species: Rabbit  
Result: slight irritation

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Method: OECD Test Guideline 405  
Test substance: REACH dossier "read-across"

Sensitisation : Note: no data available

Repeated dose toxicity : Note: no data available

Aspiration toxicity : Not applicable

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity effects**Toxicity to fish : semi-static test  
LC50: 308 mg/l  
Exposure time: 48 h  
Species: Cyprinus carpio (Carp)  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : Note: no data available

Toxicity to algae : Growth rate  
EC50: > 1,000 mg/l  
Exposure time: 72 h  
Species: Skeletonema costatum (marine diatom)  
Test substance: REACH dossier "read-across"Toxicity to bacteria : static test  
EC50: 7.2 mg/l  
Exposure time: 16 h  
Species: Pseudomonas putida  
Test substance: REACH dossier "read-across"  
Method: DIN 38412**Elimination information (persistence and degradability)**

Biodegradability : Note: no data available

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**Further information on ecology****SECTION 13. DISPOSAL CONSIDERATIONS**

Disposal methods : Observe all Federal, State, and Local Environmental regulations.

**SECTION 14. TRANSPORT INFORMATION**

**DOT** Not dangerous goods

**TDG** Not dangerous goods

**IATA** Not dangerous goods

**IMDG** Not dangerous goods

**SECTION 15. REGULATORY INFORMATION****Inventories**

US. Toxic Substances Control Act : On TSCA Inventory

Australia. Industrial Chemical (Notification and Assessment) Act : On the inventory, or in compliance with the inventory

Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL) : All components of this product are on the Canadian DSL

Japan. Kashin-Hou Law List : Not in compliance with the inventory

Korea. Toxic Chemical Control Law (TCCL) List : On the inventory, or in compliance with the inventory

Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act : On the inventory, or in compliance with the inventory

China. Inventory of Existing : On the inventory, or in compliance with the inventory



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## Chemical Substances

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand : On the inventory, or in compliance with the inventory

## National regulatory information

**SARA 302 Components** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components** : The following components are subject to reporting levels established by SARA Title III, Section 313:  
: Ammonium acetate 631-61-8

**SARA 311/312 Hazards** : No SARA Hazards

**CERCLA Reportable Quantity** : 5000 lbs

**California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Massachusetts RTK** : Ammonium acetate 631-61-8

**New Jersey RTK** : Ammonium acetate 631-61-8

**Pennsylvania RTK** : Ammonium acetate 631-61-8

## SECTION 16. OTHER INFORMATION

	HMIS III	NFPA
Health hazard	: 1	1
Flammability	: 1	1
Physical Hazard	: 0	
Instability	:	0

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Hazard rating and rating systems (e.g. HMIS® III, NFPA): This information is intended solely for the use of individuals trained in the particular system.

**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Prepared by Honeywell Performance Materials and Technologies Product Stewardship Group