

CAI, Inc.
SAFETY DATA SHEET

#51925 Quanta Autowrap
#53025 Quanta Flat Wrapper
#65072 Quanta Crimped End Wrapper

Page 1 of 6

1. PRODUCT AND COMPANY INFORMATION

Product Code: 57-01-1323

Product Name: AQUA-GW EZ Care Quarter Roll Orange

Product Use:

Printing ink and ink-related material.

Company Information:

CAI, Inc.
7 Martel Way
Georgetown, MA 01833-2224 USA

Phone Numbers:

General Information North America: 978.352.4510
Emergency Information North America: 617.538.2407
Emergency North America: CHEMTREC 800.424.9300

Additional Information:

Responsible Party: Corporate EHS Director
SDS Request: 978.352.4510

2. HAZARDS IDENTIFICATION



Signal Word

WARNING

GHS Classification

Category 2 Causes eye irritation

Hazard Statements

Causes eye irritation
May be harmful if swallowed
May cause skin irritation
Harmful to aquatic life

Precautionary Statements

Wear safety glasses & nitrile gloves.
Wash hands thoroughly after handling.
Keep container tightly closed.
Store in well-ventilated place. Keep cool.
Avoid release to the environment.

Hazards Not Otherwise Classified

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Wt %
Ammonia	7664-41-7	0.4

4. FIRST AID MEASURES

First Aid:

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IF IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical advice/attention.

IF ON SKIN: Wash with plenty of water and soap.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, get medical/advice/attention.

IF SWALLOWED: Do NOT induce vomiting. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed:

May be harmful if inhaled.
May be harmful if swallowed.
Irritating to the eyes.

Immediate medical attention and special treatment needed:

Treat symptomatically for eyes, inhalation, ingestion, skin and vital functions as needed.

5. FIREFIGHTING MEASURES

Suitable extinguishing media:

Use water, dry chemical, or carbon dioxide.

Unsuitable extinguishing media:

None identified.

Hazardous combustion products:

Carbon dioxide, carbon monoxide, volatile amines and other potentially harmful vapors and gases.

Special protective equipment for firefighters:

Wear self-contained breathing apparatus for firefighting in spaces where vapors or smoke can accumulate.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment, nitrile gloves and safety glasses at a minimum.
Ensure adequate when storing and handling product.

Environmental precautions:

Prevent product from entering drain, use noncombustible absorbents, mats or berms as needed.
Prevent further leakage or spillage if safe to do so.
If the product contaminates surface waters, groundwater, or storm/sanitary sewer: inform respective authorities and comply with applicable cleanup requirements as required by federal/state/local regulations.

Methods and materials for containment and cleanup:

For minor spills use towels, rags, or noncombustible absorbent materials (e.g., sand, earth, diatomaceous earth, vermiculite). Dispose according to applicable regulations.
For larger spills, contain spillage using noncombustible absorbent material and place with any waste product in containers for disposal according to applicable regulations. Do not vacuum.

7. HANDLING & STORAGE

General Handling:

Avoid formation of aerosols and sprays.
Do not breathe vapors/mists/sprays.
Avoid contact with eyes.
Smoking, eating and drinking should be prohibited in the handling and application areas.
Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions on handling & disposal given in this Safety Data Sheet must be observed.

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Storage:

Containers that are opened must be tightly sealed and kept upright to prevent leakage.
Store in a cool, dry, ventilated area, away from incompatible substances. Do not store near extreme heat or open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Components	OSHA PEL	OSHA PEL Skin	OSHA STEL	IDLH	NIOSH TWA	ACGIH TLV	ACGIH TLV Skin	Canadian OEL	Canadian OEL STEL
Ammonia	30 ppm	None	50 ppm	300 ppm	25 ppm	25 ppm	None	25 ppm	35 ppm

Eye Protection PPE:

Wear safety glasses with side shields or goggles. Additional faceshield may be appropriate if overt splashing may occur.

Hand and Body Protection:

Use nitrile disposable or reusable gloves, or other glove material offering equivalent protection per manufacturer specifications for resistance and breakthrough. Apron of similar chemical resistance and faceshield may be appropriate where splashing may occur.

Respiratory PPE:

No personal respiratory protection is normally required when providing adequate room ventilation or local exhaust. If respiratory PPE is provided, use cartridges for organic vapors or as recommended by respirator supplier or qualified individual.

Recommended Hygiene Practices:

Do not eat or drink while handling this product.
Wash hands thoroughly with soap and water before breaks and end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid.
Auto-Ignition Temperature: No data available.
Boiling Point: >200°F
Decomposition: No data available.
Evaporation Rate: No data available.
Explosion Limits: No data available.
Flammability: Not an NFPA or GHS flammable/combustible liquid.
Flash Point: Does not sustain combustion.
Melting Point: No data available.
Odor: Latex like.
Odor Threshold: No data available.
Partition Coefficient: No data available.
pH: 9.2
Solubility: Soluble in water. Not soluble in petroleum solvents.
Stability: Stable at recommended storage temperature.
Vapor Density: No data available.
Vapor Pressure: No data available.
Specific Gravity: 1.05
Density (lbs/gal): 8.75
VOC Content %Weight: 0.73
VOC Content (lbs/gal): 0.06

10. STABILITY AND REACTIVITY

Stability:

Stable under recommended storage and handling conditions.

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Reactivity:

None identified when handled and stored under recommended conditions.

Hazardous Reactions:

None identified.

Conditions to Avoid:

None identified during recommended handling & storage.

Incompatible Materials:

Avoid contact with strong acids and oxidizing agents.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide and uncombusted hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Ammonia 7664-41-7

Oral LD50 - Rat - 350 mg/kg

Dermal LD50 - Rat – No data available

Dermal LD50 - Rabbit – No data available

Inhalation - Rat - 4h - 2,000 ppm

Inhalation - Mouse - 4h - 2,115 ppm

Eye Damage/Irritation:

May cause minor to moderate eye irritation depending on exposure. Irritation as mild discomfort or redness. Corneal injury may result from overt exposure.

Skin Corrosion/Irritation:

Prolonged exposure may cause skin irritation.

Sensitization:

Skin: Not expected to cause allergic skin reactions.

Respiratory: No data available.

Repeated Dose Toxicity:

No data available for product.

Chronic Toxicity:

IARC: No components listed.

NTP: No components listed.

OSHA: No components listed.

Developmental Toxicity:

No data on birth defects at component concentrations used in this product.

Reproductive Toxicity:

No data available for component concentrations used in product.

Genetic Toxicology:

No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

No data available for product.

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Environmental Persistence/Degradation:

Potential for product or its components to persist/degrade in environment: No data available for product.

Bioaccumulation Potential:

Octanol-water partition: No data available.
Bioconcentration factor (BCF): No data available.

Potential Movement from Soil to Groundwater:

Potential for product or its components to move from the soil to the groundwater. No data available.
Generally, liquid phase of product may move through soil to groundwater interface. Liquid phase components may dissolve in groundwater and/or float on top of it.

Other Adverse Effects:

Environmental fate: No data available.
Ozone layer depletion potential: No data available.
Photochemical ozone creation potential: No data available.
Endocrine disruption potential: No data available.
Global Warning Potential: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment:

Dispose of in accordance with applicable national, regional and local regulations.
Do not landfill waste product without treatment according to applicable regulations.

14. TRANSPORT INFORMATION

USDOT: Not regulated.
IMDG: Not regulated.
IATA: Not regulated.

Special Transportation Precautions:

No special precautions required during normal transport and handling.

Marine Pollutant:

Not a marine pollutant.

15. REGULATORY INFORMATION

The following chemical(s) are subject to reporting requirements of Proposition 65:

Component	Wt %
This product does not contain components known to the State of California to cause cancer and birth defects or other reproductive harm.	

The following chemical(s) are subject to reporting requirements of SARA Title III Section 313:

Component	Wt %
Ammonia	0.4

The following chemical(s) are regulated as Hazardous Air Pollutants (HAPs):

Component	Wt %
This product does not contain components regulated as Hazardous Air Pollutants.	

US TSCA Inventory:

The components in this product are on the inventory.

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WHMIS:

Not regulated.

Canadian Domestic Substances List (DSL):

This product contains components on the list.

Hazard Warnings:

NFPA Health 1 Flammability 0 Physical 0

HMIS Health 1 Flammability 0 Instability 0

16. OTHER INFORMATION

User Responsibility and Disclaimer of Liability:

This document has been prepared in accordance with the OSHA Hazard Communication Standard 2012. The information contained herein for the product shipped to customer is, to the best of our knowledge and belief, accurate as of the date noted herein. We do not accept responsibility nor independently verify any information provided by our suppliers or other third-parties and relied upon by us.

Health & Safety:

Users should consider these data only as a supplement to user's own workplace risk assessment. Users must make independent determinations of suitability and completeness of information from all sources to assure proper product use; print applications; safety and health of employees and customers; disposal of waste product; and protection of the environment. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist when the customer uses the product. All chemical products may present unknown chemical, physical and health hazards and should be used with caution.

Product Storage:

This product will remain stable for use if the original container is properly sealed, stored upright, and not exposed to temperatures below 65°F and above 90°F.

Customer Use of Product:

Since the conditions of handling and use are beyond our control, we make no guarantee of product performance and assume no liability for damages incurred by customer use of this product or any rework derived from this product. Final determination of suitability of the product is the sole responsibility of the customer. Additionally, we are not liable for any claims, losses, or damages of any third party or for lost profits or any special, even if incidental, consequential or exemplary damages arising from customer use of this product or any rework derived from this product.

Prepared by:

Robert A. Fricke, CAI Corporate EHS Director

Revision Date: June 8, 2016

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Revision Date: 01/05/2016

Print Date: 6/2/2016

SDS Number: R0570566

Version: 1.2

HCA00116-460 PAPER 2 PAPER WET LAM ADH
Manufactured by Ashland Inc.
786606

29 CFR 1910.1200 (OSHA HazCom 2012)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Trade name : HCA00116-460 PAPER 2 PAPER WET LAM ADH

Manufactured by Ashland Inc.

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

Details of the supplier of the safety data sheet Ashland P.O. Box 2219 Columbus, OH 43216 United States of America EHS Customer Requests@ashland.com	Emergency telephone number 1-800-ASHLAND (1-800-274-5263) Regulatory Information Number 1-800-325-3751 Product Information 614-790-3333
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SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin sensitization : Category 1

GHS Label element

Hazard pictograms :



Signal Word : Warning

Hazard Statements : May cause an allergic skin reaction.

Precautionary Statements : **Prevention:**
Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
Response:
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/ attention.
Wash contaminated clothing before reuse.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Other hazards

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None known.

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

No hazardous ingredients

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If breathed in, move person into fresh air.
If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Remove contaminated clothing. If irritation develops, get medical attention.
If on skin, rinse well with water.
First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
Wash contaminated clothing before re-use.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed : Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : No symptoms known or expected.
May cause an allergic skin reaction.
- Notes to physician : No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water spray
Foam
Carbon dioxide (CO₂)
Dry chemical

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- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : carbon dioxide and carbon monoxide
- Specific extinguishing methods :
- Product is compatible with standard fire-fighting agents.
- Further information : Standard procedure for chemical fires.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
- Other information : Comply with all applicable federal, state, and local regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not breathe vapours/dust.
Do not smoke.
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Container hazardous when empty.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.
Dispose of rinse water in accordance with local and national

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regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Mixture of 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE MIXTURE WITH 2-METHYL-4-ISOTHIAZOLIN-3-ONE	55965-84-9	TWA	0.76 mg/m3	SUPLR EXP
		STEL	0.23 mg/m3	SUPLR EXP
		TWA	1.5 mg/m3	SUPLR EXP
		STEL	4.5 mg/m3	SUPLR EXP

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

: Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin and body protection

: Wear resistant gloves (consult your safety equipment supplier).
 Wear as appropriate:
 Impervious clothing
 Safety shoes
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.
 Discard gloves that show tears, pinholes, or signs of wear.

Hygiene measures

: Wash hands before breaks and at the end of workday.

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786606**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Fluid
Physical state	: liquid
Colour	: white
Odour	: sweet
Odour Threshold	: No data available
pH	: 5.5
Melting point/freezing point	: <32 °F / 0 °C
Boiling point/boiling range	: >= 212 °F / 100 °C
Flash point	: >= 212 °F / >= 100 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: 1.07 (25 °C)
Density	: 1.0662 g/cm ³ (25 °C)
Solubility(ies)	
Water solubility	: completely miscible
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, dynamic	: 320 mPa.s (25 °C)
Viscosity, kinematic	: No data available

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Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Product will not undergo hazardous polymerization.

Conditions to avoid : Freezing temperatures.

Incompatible materials : reactive metals such as aluminum and magnesium
Strong oxidizing agents

Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation
Skin contact
Eye Contact
Ingestion

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks: May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks: Unlikely to cause eye irritation or injury.

Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

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STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information**Product:**

Remarks: No data available

Carcinogenicity:**IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

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.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Additional ecological information : No data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

General advice : Dispose of in accordance with all applicable local, state and federal regulations.

Do not dispose of waste into sewer.

Do not contaminate ponds, waterways or ditches with chemical or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

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Dispose of as unused product.
Empty containers should be taken to an approved waste
handling site for recycling or disposal.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION**International transport regulations****REGULATION**

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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U.S. DOT - ROAD

Not dangerous goods

U.S. DOT - RAIL

Not dangerous goods

U.S. DOT - INLAND WATERWAYS

Not dangerous goods

TRANSPORT CANADA - ROAD

Not dangerous goods

TRANSPORT CANADA - RAIL

Not dangerous goods

TRANSPORT CANADA - INLAND WATERWAYS

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

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Not dangerous goods

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Marine pollutant	no
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Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
FORMALDEHYDE	50-00-0	100	645161.290323

SARA 311/312 Hazards : No SARA Hazards

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

California Prop 65

WARNING! This product contains a chemical known to the State of California to cause cancer.

FORMALDEHYDE 50-00-0

QUARTZ / SAND 14808-60-7

NITRILOTRIACETIC ACID 139-13-9

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

METHANOL 67-56-1

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL

AICS : On the inventory, or in compliance with the inventory

ENCS : Not in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

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IECSC : On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

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NFPA:	HMIS III:						
<p>Flammability</p> <p>Health</p> <p>Instability</p> <p>Special hazard.</p>	<table border="1"> <tr> <td style="background-color: #4a7ebb; color: white;">HEALTH</td> <td style="text-align: center; font-weight: bold;">2</td> </tr> <tr> <td style="background-color: #d62728; color: white;">FLAMMABILITY</td> <td style="text-align: center; font-weight: bold;">1</td> </tr> <tr> <td style="background-color: #ffff00;">PHYSICAL HAZARD</td> <td style="text-align: center; font-weight: bold;">0</td> </tr> </table> <p>0 = not significant, 1 =Slight, 2 = Moderate, 3 = High 4 = Extreme, * = Chronic</p>	HEALTH	2	FLAMMABILITY	1	PHYSICAL HAZARD	0
HEALTH	2						
FLAMMABILITY	1						
PHYSICAL HAZARD	0						

NFPA Flammable and Combustible Liquids Classification
 Combustible Liquid Class IIIB

Full text of H-Statements

Sources of key data used to compile the Safety Data Sheet
 Ashland internal data including own and sponsored test reports
 The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :
 ACGIH : American Conference of Industrial Hygienists

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BEI : Biological Exposure Index
CAS : Chemical Abstracts Service (Division of the American Chemical Society).
CMR : Carcinogenic, Mutagenic or Toxic for Reproduction
FG : Food grade
GHS : Globally Harmonized System of Classification and Labeling of Chemicals.
H-statement : Hazard Statement
IATA : International Air Transport Association.
IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO : International Civil Aviation Organization
ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"
IMDG : International Maritime Code for Dangerous Goods
ISO : International Organization for Standardization
logPow : octanol-water partition coefficient
LCxx : Lethal Concentration, for xx percent of test population
LDxx : Lethal Dose, for xx percent of test population.
ICxx : Inhibitory Concentration for xx of a substance
Ecxx : Effective Concentration of xx
N.O.S.: Not Otherwise Specified
OECD : Organization for Economic Co-operation and Development
OEL : Occupational Exposure Limit
P-Statement : Precautionary Statement
PBT : Persistent , Bioaccumulative and Toxic
PPE : Personal Protective Equipment
STEL : Short-term exposure limit
STOT : Specific Target Organ Toxicity
TLV : Threshold Limit Value
TWA : Time-weighted average
vPvB : Very Persistent and Very Bioaccumulative
WEL : Workplace Exposure Level

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act
DOT : Department of Transportation
FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act
HMIRC : Hazardous Materials Information Review Commission
HMIS : Hazardous Materials Identification System
NFPA : National Fire Protection Association
NIOSH : National Institute for Occupational Safety and Health
OSHA : Occupational Safety and Health Administration
PMRA : Health Canada Pest Management Regulatory Agency
RTK : Right to Know
WHMIS : Workplace Hazardous Materials Information System