

**SAFETY DATA SHEET**

Revision Date: 06/28/2022

Print Date: 10/22/2022

SDS Number: 000000307072

Version: 1.3

EUXYL K 903 preservative
™ Trademark, Ashland or its subsidiaries, registered
in various countries
967366

29 CFR 1910.1200 (OSHA HazCom 2012)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**Product identifier**

Trade name : EUXYL K 903
preservative
™ Trademark, Ashland or its subsidiaries, registered in
various countries

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

Recommended use : Conservation agent (preservative) for cosmetics

Details of the supplier of the safety data sheet

Ashland
P.O. Box 2219
Columbus, OH 43216
United States of America (USA)
1-614-790-3333 (USA)

EHSProductSafety@ashland.com

Emergency telephone number

1-800-ASHLAND (1-800-274-5263)

Regulatory information

1-614-790-3333 (customer service)

Product Information

1-614-790-3333 (USA)

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Acute toxicity (Oral) : Category 4

Skin irritation : Category 2

Serious eye damage : Category 1

Specific target organ toxicity : Category 1 (Lungs)
- repeated exposure
(Inhalation)

GHS label elements

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Hazard pictograms

:



Signal Word

: Danger

Hazard Statements

: Harmful if swallowed.
Causes skin irritation.
Causes serious eye damage.
Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Precautionary Statements

: If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Prevention:

Do not breathe mist or vapors.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/ eye protection/ face protection.

Response:

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

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

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

Get medical advice/ attention if you feel unwell.

If skin irritation occurs: Get medical advice/ attention.

Take off contaminated clothing and wash before reuse.

Disposal:

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

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture

Hazardous components

Chemical name	CAS-No.	Classification	Concentration (%)
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BENZYL ALCOHOL	100-51-6	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2A; H319	>=70.00 - < 90.00
BENZOIC ACID	65-85-0	Comb Dust Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT RE 1; H372	>=10.00 - < 20.00
3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE	520-45-6	Acute Tox. 4; H302	>=5.00 - < 10.00

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
 Consult a physician.
 Show this safety data sheet to the doctor in attendance.
 Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
 If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.
 If on skin, rinse well with water.
 If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
 In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 Continue rinsing eyes during transport to hospital.
 Remove contact lenses.
 Protect unharmed eye.
 Keep eye wide open while rinsing.
 If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.



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Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.

Most important symptoms
and effects, both acute and
delayed

: Harmful if swallowed.
Causes skin irritation.
Causes serious eye damage.
Causes damage to organs through prolonged or repeated
exposure if inhaled.
Gastrointestinal discomfort
Extremely corrosive and destructive to tissue.
tearing
Blurred vision
Irritation
Nausea
Redness

Notes to physician

: Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local
circumstances and the surrounding environment.

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 (CO₂)
Carbon monoxide
Hydrocarbons
Acid anhydrides
Burning produces irritant fumes.
Carbon monoxide, carbon dioxide and unburned
hydrocarbons (smoke).

Specific extinguishing
methods :

Standard procedure for chemical fires.

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- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Neutralize with chalk, alkali solution or ammonia.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : Do not store near acids.



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Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

BENZYL ALCOHOL	100-51-6	TWA	10 ppm	US WEEL
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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

Respiratory protection : In the case of vapour formation use a respirator with an approved filter within the capabilities of the respirator/filter combination.
 Where concentrations are above recommended limits or are unknown, or a cartridge type respirator is not adequate, wear a positive-pressure supplied-air respirator.

Hand protection

Material : butyl-rubber
Break through time : 480 min
Glove thickness : > 0.5 mm

Remarks : The exact break through time can be obtained from the protective glove producer and this has to be observed. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection : Tightly fitting safety goggles
 Eye wash bottle with pure water

Skin and body protection : Work uniform or laboratory coat.

Hygiene measures : When using do not eat or drink.
 When using do not smoke.
 Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid



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Physical state : liquid

Colour : colourless, dark yellow

Odour : characteristic

Odour Threshold : not determined

pH : 3 - 4 (20 °C)
Concentration: 10 g/l
Aqueous solution

Melting point/freezing point : not determined

Boiling point/boiling range : > 212 °F / > 100 °C

Flash point : 101 °C
Method: ISO 2719

Evaporation rate : not determined

Flammability (solid, gas) :
not determined

Flammability (liquids) : not determined

Flammability (liquids) :
Upper explosion limit : Upper explosion limit
Not applicable

Lower explosion limit : Lower explosion limit
not determined

Vapour pressure : not determined

Relative vapour density : not determined

Relative density : No data available

Density : 1.067 - 1.079 g/cm³ (20 °C)

Solubility(ies)
Water solubility : 12 g/l (20 °C)

Solubility in other solvents : No data available



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Partition coefficient: n-octanol/water : Not applicable

Thermal decomposition : No data available

Viscosity
Viscosity, dynamic : not determined

Viscosity, kinematic : not determined

Flow time : < 15 s at 20 °C

Explosive properties : Not explosive

Oxidizing properties : The substance or mixture is not classified as oxidizing.

Surface tension : 35 mN/m

Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Vapours may form explosive mixture with air.

Conditions to avoid : Protect from frost, heat and sunlight.

Incompatible materials : Oxidizing agents
Strong acids

Hazardous decomposition products
Carbon monoxide
Carbon dioxide (CO₂)
Hydrocarbons
Acetone

SECTION 11. TOXICOLOGICAL INFORMATION



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

Acute toxicity

Harmful if swallowed.

Product:

Acute inhalation toxicity : Assessment: Not classified as acutely toxic by inhalation under GHS.

Components:

BENZYL ALCOHOL:

Acute oral toxicity : LD50 (Rat, male): 1,620 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 4.178 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Assessment: Not classified as acutely toxic by dermal absorption under GHS.

BENZOIC ACID:

Acute oral toxicity : LD50 (Rat): 2,565 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat): > 12.2 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg
Assessment: No adverse effect has been observed in acute dermal toxicity tests.

3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE:

Acute oral toxicity : LD50 (Rat): 1,480 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 3,000 - 5,000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks: Extremely corrosive and destructive to tissue.

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Components:**BENZYL ALCOHOL:**

Species: Rabbit

Method: OECD Test Guideline 404

Result: Slight, transient irritation

BENZOIC ACID:

Result: Irritating to skin.

3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE:

Species: Rabbit

Exposure time: 4 h

Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks: May cause irreversible eye damage.

Components:**BENZYL ALCOHOL:**

Result: Irritating to eyes.

BENZOIC ACID:

Species: Rabbit

Result: Corrosive

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Components:**BENZYL ALCOHOL:**

Assessment: Did not cause sensitisation on laboratory animals.

BENZOIC ACID:

Test Type: Local lymph node assay

Species: Mouse

Assessment: Does not cause skin sensitisation.

3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE:

Method: OECD Test Guideline 429

Result: Does not cause skin sensitisation.

Germ cell mutagenicity

Not classified based on available information.

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Components:**BENZYL ALCOHOL:**

Genotoxicity in vitro : Remarks: In vitro tests did not show mutagenic effects

Genotoxicity in vivo : Test Type: Micronucleus test
Test species: Mouse
Method: OECD Test Guideline 474
Result: negative

BENZOIC ACID:

Genotoxicity in vitro : Test Type: Ames test
Test species: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative

3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE:

Genotoxicity in vitro : Test Type: Ames test
Test species: Salmonella typhimurium
Result: negative

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Causes damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

Components:**BENZOIC ACID:**

Exposure routes: Inhalation

Target Organs: Lungs

Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 1.

Repeated dose toxicity**Components:****BENZOIC ACID:**

Species: Rat

No observed adverse effect level: 1000 mg/kg

Application Route: Oral

Species: Rat

NOAEC: 0.25 mg/l

Application Route: Inhalation

Species: Rabbit

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No observed adverse effect level: 2500 mg/kg

Application Route: Dermal

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 on OSHA's list of regulated carcinogens.

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****Product:**

Ecotoxicology Assessment

Short-term (acute) aquatic hazard : Not classified based on available information.

Long-term (chronic) aquatic hazard : Not classified based on available information.

Components:

BENZYL ALCOHOL:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 460 mg/l
 Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 230 mg/l
 Exposure time: 48 h
 Method: OECD Test Guideline 202
 GLP: yes

Toxicity to algae : (Pseudokirchneriella subcapitata (green algae)): 770 mg/l
 End point: EC50
 Exposure time: 72 h

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Method: OECD Test Guideline 201

GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): 51 mg/l
Exposure time: 21 d
End point: Reproduction Test
Method: OECD Test Guideline 211

BENZOIC ACID:

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 44.6 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

Toxicity to algae : NOEC (Pseudokirchneriella subcapitata (green algae)): 10 mg/l
End point: Growth inhibition
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : NOEC (Oncorhynchus mykiss (rainbow trout)): > 120 mg/l
Exposure time: 28 d
Test Type: semi-static test
Method: OECD Test Guideline 204

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia magna (Water flea)): >= 25 mg/l
Exposure time: 21 d
Test Type: semi-static test
Method: OECD Test Guideline 211

3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE:

Toxicity to fish : NOEC (Cyprinus carpio (Carp)): 218 - 415 mg/l
Exposure time: 72 h
Analytical monitoring: no

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): 32.1 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

EC10 (Pseudokirchneriella subcapitata (green algae)): 23.9 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201



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Persistence and degradability

Components:

BENZYL ALCOHOL:

Biodegradability : Inoculum: activated sludge
Result: Readily biodegradable.
Biodegradation: 92 %
Exposure time: 14 d

BENZOIC ACID:

Biodegradability : Result: Readily biodegradable.

3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE:

Biodegradability : Concentration: 12 mg/l
Result: Readily biodegradable.
Biodegradation: 99 %
GLP: no

Zahn-Wellens Test

Concentration: 400 mg/l
Result: Readily biodegradable.
Biodegradation: 96 %
Exposure time: 14 d
Method: OECD Test Guideline 302B

Concentration: 2 mg/l

Theoretical oxygen demand
Result: Readily biodegradable.
Biodegradation: 81 %
Exposure time: 30 d
Method: OECD Test Guideline 301D
GLP: no

No data available

Bioaccumulative potential

Components:

BENZYL ALCOHOL:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-
octanol/water : log Pow: 1.10

BENZOIC ACID:

Bioaccumulation : Species: Gambusia affinis (Mosquito fish)
Bioconcentration factor (BCF): 21
Exposure time: 24 h
Concentration: 0.00178 mg/l
Method: Static



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Partition coefficient: n-
 octanol/water : log Pow: 1.88

No data available

Mobility in soil

Components:

No data available

Other adverse effects

No data available

Product:

Additional ecological : No data available
 information

Components:

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

General advice : 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.
 Dispose of as unused product.
 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.

U.S. DOT - ROAD

Not dangerous goods

CFR_RAIL_C

Not dangerous goods

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U.S. DOT - INLAND WATERWAYS

Not dangerous goods

TDG_ROAD_C

Not dangerous goods

TDG_RAIL_C

Not dangerous goods

TDG_INWT_C

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

MX_DG

Not dangerous goods

***ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Marine pollutant

no

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**TSCA list**

No substances are subject to a Significant New Use Rule.

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No substances are subject to TSCA 12(b) export notification requirements.

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

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
BENZOIC ACID	65-85-0	5000	41666

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute toxicity (any route of exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)

SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

SARA 313 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.

Pennsylvania Right To Know

BENZYL ALCOHOL	100-51-6
BENZOIC ACID	65-85-0
3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE	520-45-6

New Jersey Right To Know

BENZYL ALCOHOL	100-51-6
BENZOIC ACID	65-85-0
3-ACETYL-6-METHYL-2H-PYRAN-2,4(3H)-DIONE	520-45-6



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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.

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

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: All substances listed as active on the TSCA inventory
AIIC	: On the inventory, or in compliance with the inventory
DSL	: All components of this product are on the Canadian DSL
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or 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
IECSC	: On the inventory, or in compliance with the inventory
NZIoC	: Not in compliance with the inventory

Inventories

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

Other regulations

US. Drug Enforcement Administration (DEA) Listed Precursor and Essential Chemicals (21 CFR 1310)	Not applicable
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SECTION 16. OTHER INFORMATION

Further information



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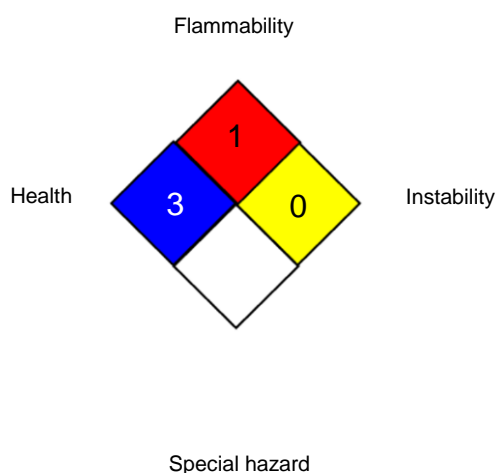
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NFPA 704:



HMIS® IV:

HEALTH	*	3
FLAMMABILITY		1
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of H-Statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure if inhaled.

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing

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Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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Sources of key data used to compile the Safety Data Sheet : Ashland internal data including own and sponsored test reports
 European Union Law with content from the Official Journal of the European Union.
 European Chemicals Agency; the EU authority implementing the EU's chemicals legislation for companies.
 The German Water Hazard Classes.
 ReachCentrum; a series of support services to help comply with REACH regulations.
 The European Commission; proposing legislation, administering and implementing EU policies, and enforcing EU law.
 The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.
 Cefic, the European Chemical Industry Council.
 ESIS European Chemical Substances Information System

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