

Safety Data Sheet

Hydress

Response

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P332+P313

If skin irritation occurs: Get medical advice/attention.

P337+P313

If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Component	Concentration
Polymeric alkylate, Surfactant Mixture, Fragrance	Not specified

Trade secret statement (OSHA 1910.1200(i))

The specific chemical identities of the ingredients in this mixture are considered to be trade secrets and are withheld in accordance with the provisions of 1910.1200 of the code of federal regulations

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice

In the case of accident or if you feel unwell, seek medical advice immediately.

When symptoms persist or in all cases of doubt seek medical advice.

If inhaled

If inhaled, remove to fresh air.

Get medical attention .

In case of skin contact

In case of contact, immediately flush skin with soap and plenty of water.

Remove contaminated clothing and shoes.

Get medical attention.

Wash clothing before reuse.

Thoroughly clean shoes before reuse.

In case of eye contact

Flush eyes with water as a precaution.

Get medical attention if irritation develops and persists.

If swallowed

If swallowed, DO NOT induce vomiting.

Get medical attention .

Rinse mouth thoroughly with water.

Personal protective equipment for first-aid responders

First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically and supportively.

Safety Data Sheet

Hydress

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Water spray
Alcohol-resistant foam
Carbon dioxide (CO₂)

Unsuitable extinguishing agent:
Dry chemical

Specific hazards arising from the chemical

Exposure to combustion products may be a hazard to health.
Applying foam will release significant amounts of hydrogen gas that can be trapped under the foam blanket.

Hazardous Combustion Products

Carbon oxides
Silicon oxides
Formaldehyde

Special protective actions for fire-fighters

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

Use water spray to cool unopened containers.

Do not allow extinguishing medium to contact container contents.

Most fire extinguishing media will cause hydrogen evolution, and once the fire is put out, may accumulate in poorly ventilated or confined areas and result in flash fire or explosion if ignited.

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.

Remove undamaged containers from fire area if it is safe to do so.

Evacuate area.

Further information

In the event of fire, wear self-contained breathing apparatus.

Wear self-contained breathing apparatus for firefighting if necessary.

Use personal protective equipment.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions

Discharge into the environment must be avoided.

Prevent further leakage or spillage if safe to do so.

Prevent spreading over a wide area (e.g. by containment or oil

Safety Data Sheet

Hydres

barriers).

Retain and dispose of contaminated wash water.

Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material.

For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container.

Clean up remaining materials from spill with suitable absorbent.

Materials in contact with water, moisture, acids or bases have the potential to generate hydrogen gas. Recovered material should be stored in a vented container.

Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

Sections 13 and 15 of this SOS provide information regarding certain local or national requirements.

SECTION 7: Handling and storage

Precautions for safe handling

See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Use only with adequate ventilation.

Avoid inhalation of vapor or mist.

Do not swallow.

Avoid contact with eyes.

Avoid prolonged or repeated contact with skin.

Handle in accordance with good industrial hygiene and safety practice.

Keep away from water.

Protect from moisture.

Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage, including any incompatibilities

Keep in properly labeled containers.

Store in a closed container.

Store in accordance with the particular national regulations.

Product may evolve minute quantities of flammable hydrogen gas which can accumulate. Adequately ventilate to maintain vapors well below flammability limits and exposure guidelines.

Do not repackage. Clogged container vents may increase pressure build up.

Materials to avoid:

Do not store with the following product types:

Strong oxidizing agents

Safety Data Sheet

Hydress

Specific end use(s)

Tire Dressing

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Processing may form hazardous compounds (see section 10).

Ensure adequate ventilation, especially in confined areas.

Minimize workplace exposure concentrations.

Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. Breakthrough time is not determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Ensure that eye flushing systems and safety showers are located close to the working place.

When using do not eat, drink or smoke.

Wash contaminated clothing before re-use.

These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

For further information regarding the use of silicones I organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these type of materials in consumer aerosol applications that has been developed by the silicone industry

Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Wear the following personal protective equipment:

Safety glasses

Skin protection

Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.

Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc).

Body protection

Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure

Safety Data Sheet

Hydress

potential

Respiratory protection

No personal respiratory protective equipment normally required

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Bluish-Milky/white/cloudy free flowing liquid...silky to touch
Odor	Banana/sweet
Odor threshold	
pH	5
Melting point/freezing point	32F (0C)
Initial boiling point and boiling range	212-600 F
Flash point	None
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Vapor pressure	5.6 (@20EC)
Vapor density	No data available.
Relative density	0.90-1.20 (20 deg C)
Solubility(ies)	Dispersible
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

SECTION 10: Stability and reactivity

Reactivity

Product is nonreactive when used and store as directed.

Chemical stability

Product is stable when used and stored as directed.

Possibility of hazardous reactions

Can react with strong oxidizing agents.

Hazardous Polymerization will not occur

Conditions to avoid

Avoid storing in direct sunlight and avoid extremes of temperature.

Incompatible materials

Oxidizing agents

Hazardous decomposition products

Thermal Decomposition Products: Formaldehyde

SECTION 11: Toxicological information

Safety Data Sheet

Hydress

Information on toxicological effects

SECTION 12: Ecological information

SECTION 13: Disposal considerations

Disposal of the product

Dispose of product in accordance with local, state, and federal regulations.

Disposal of contaminated packaging

Dispose of in accordance with local, state, and federal regulations.

Waste treatment

No data available.

Sewage disposal

Do not dispose of product in sewers

Other disposal recommendations

No data available.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

SECTION 16: Other information

Revision Date:

5/11/2016

Other Information:

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

Ardex Laboratories, Inc. 2050 Byberry rd Philadelphia, PA 19116 T: 215-698-0500 ardexlabs.com

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012