EASTMAN Aviation solutions

SKYDROL from Eastman

Skydrol™ aviation hydraulic fluids

Focused on safety in the hangar

Skydrol™ hydraulic fluids are phosphate ester-based fluids engineered for commercial and military aviation systems. Formulated with high-performance additives, they deliver thermal stability, fire resistance and long service life.

Like all industrial chemicals, Skydrol fluids require careful handling. This guide covers key safety practices for handling, cleanup and personal protection. Always consult the product safety data sheet (SDS) for complete information before use.

When spills happen

Care should be taken in handling Skydrol fluids to keep them from spilling on plastic materials and paints that tend to soften. If a small amount of Skydrol fluid is spilled during handling, wipe it up immediately with a dry cloth. When large pools form, an absorbent sweeping compound is recommended. Remove traces of fluid with an approved solvent such as SkyKleen™ aviation solvent, and wash the area with water and detergent.

Avoid soaking tools

Tools shouldn't soak in Skydrol fluids if they have painted areas or polyvinyl chloride (PVC) plastic handles. Many nonmetallic materials are resistant to Skydrol fluids and will not be adversely affected by it. Since it is difficult to visually distinguish between materials that are resistant and those that aren't resistant, it is highly recommended that all materials be wiped off and cleaned as soon as possible.

Clothing and materials

Skydrol fluids will not harm most clothing. Materials like rayon acetate and some types of rubber-soled shoes may soften and deteriorate when exposed to Skydrol fluids.



Personal protection equipment (PPE)

For safety precautions specific to your Skydrol fluid, refer to the product SDS. The following PPE is recommended to minimize potential exposure:



Skin

To avoid skin exposure, a worker should wear gloves that are impervious to Skydrol fluids. Some manufacturers claim nitrile gloves are suitable for this purpose, and nylon, latex and polyethylene disposable gloves are also acceptable. Glove material will vary based on application. Eastman does not generally recommend the use of protective barrier creams because they do not provide complete protection. View glove facts under the "Shelf life and safety" section of the "Resources" tab of eastman.com/aviation.



Eyes

Always wear safety glasses or chemical goggles to prevent eye exposure when working around Skydrol fluids. In the case of Skydrol contact with eyes, rinse immediately with plenty of water and seek medical advice. Any further treatment should be given under the care of a medical professional. Milk is not recommended as an eyewash because it is not sterile and can cause eye infections.



Respiratory

Wear a respirator if engineering controls do not maintain a level of airborne concentration containment to adequately protect worker health. This is especially important when mist or vapor may be present, such as during high-pressure leaks or when fluid contacts a hot surface. Use a respirator rated for organic vapors and mists. Refer to regulatory requirements for respirator selection, use and maintenance.

Disposing of Skydrol responsibly

To ensure complete destruction of the waste, the minimum necessary incineration temperature is above 900°C. Disposal should be managed by a licensed disposal company to ensure local and/or national regulations for collection and incineration are followed correctly. Refer to the SDS of each product for more information, and adhere to regulatory requirements for complete and appropriate disposal.

Need help?

Consult the SDS for all health and safety information. Eastman's dedicated technical service team is available to answer questions about Skydrol hydraulic fluids.

Visit **eastman.com/aviation** to speak with a technical service representative.

EASTMAN

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