

HS ULTUM™

High Surfactant Oil Concentrate



PRINCIPAL FUNCTIONING AGENTS

Methylated vegetable oil, polyoxyethylene sorbitan fatty acid esters, alcohol ethoxylate	98%
Constituents Ineffective as Adjuvant	2%
TOTAL	100%

All ingredients are approved for use under 40 CFR 180

Surfactant content: 38%

Oil content: 60%

CA Reg. No. 9349-50019-AA

WA Reg. No. 9349-16008

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS

Causes eye irritation. If medical advice is needed, have product container or label at hand. Read label before use. Wash protective equipment and work clothes thoroughly after handling. Specific treatment is given in the First Aid section on this label or on the SDS.

PERSONAL PROTECTIVE EQUIPMENT (PPE)



Applicators or other handlers of this product should wear: protective eyewear, chemical resistant gloves, long-sleeved shirt, long pants, shoes and socks. Consult the SDS for further information.

FIRST AID

If Swallowed: Rinse mouth. Have person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

If On Skin: Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention.

If Inhaled: Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration.

GENERAL INFORMATION

HS ULTUM is a highly concentrated and multifunctional low-use-rate methylated seed oil that enhances herbicide performance. **HS Ultum** is designed to eliminate the need to add both a noionic surfactant and a crop oil concentrate in liquid spray mixtures. **HS ULTUM** combines the cuticle penetration properties of a premium quality methylated seed oil with a proprietary surfactant system to deliver higher levels of biological performance at lower use rates than traditional oil-based adjuvants. Therefore, care must be taken in treating sensitive crops during periods when plants are subjected to drought stress, high temperatures and high humidity.

DIRECTIONS FOR USE

The addition of adjuvants to some pesticides and/or fertilizers and their tank mixes may cause phytotoxicity to the foliage and/or fruit of desirable crops. The applicator or crops advisor must have

experience with the pesticide combination, including **HS ULTUM**, or must have conducted a phytotoxicity test prior to use.

SHAKE WELL BEFORE USING.

FOR USE WITH HERBICIDES REGISTERED FOR AGRICULTURAL, FORESTRY, INDUSTRIAL, MUNICIPAL, NON-CROPLAND, RIGHTS-OF-WAY. NOT FOR AQUATIC USE.

USE RATES

HS Ultum may be used at 0.50–0.75% v/v (2–3 quarts per 100 hundred gal. of spray solution) of the recommended use rate of conventionally formulated methylated seed oils. **HS Ultum** should be applied at no less than 10–12 ounces per acre.

MIXING

In the absence of specific mixing instructions found on the pesticide label, fill the spray tank with at least 50% of the desired finished carrier volume. When premixing in a mixing vessel or inductor, fill with at least 20% of the desired finished carrier volume. While the carrier is agitating, add tank mix ingredients in the following order:

1. Compatibility agent and/or antifoam, if needed
2. AMS, dry formulations (WP, DF, WDG, SP), and dry drift retardants
3. Dry soluble and suspension fertilizers / micronutrients
4. Liquid drift retardants and flowable formulations (F & FL)
5. Liquid concentrates, suspension concentrates, microencapsulated and capsule suspension (LC, SC, ME, CS)
6. Emulsifiable concentrates (E, EL or EC)
7. Solutions and soluble liquids (S or SL)
8. Liquid micronutrients and fertilizers
9. **HS ULTUM**, water conditioners and other adjuvants (COC, HSOC, MSO, NIS)
10. Finish filling to desired spray volume level and continue agitation

STORAGE AND DISPOSAL

Protect product from freezing. If product freezes, warm to room temperature and agitate before use. Keep containers sealed when not in use. Store in original container only. Do not reuse empty container. CONTAINER DISPOSAL: Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at www.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.

CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

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