

Material Safety Data Sheet

UNIVAR USA, Inc.

1. Product Identification: Masterline Permethrin XL Granules

2. Ingredients: 2% % Permethrin : CAS 52645-53-1

3. Physical Data:

Appearance:	a free flowing granule
Odor:	slight odor of vegetable oil
Solubility:	not soluble
Bulk Density:	30 lbs cubic foot

4. Fire and Explosion Data:

Flash Point: > 200 F **combustible**

Extinguishing Media: **Foam** Wear protective clothing. Dike to prevent any material from entering drains or sewers or contaminating the environment. Evacuate people downwind from the fire. Wear self contained breathing apparatus. Fumes and or vapors may be toxic if inhaled or contacted by the skin.

5. Health Effects Data:

If sufficient quantity of the product is ingested, it may be fatal. May cause irritation to the eyes, nose, throat and skin.

6. Emergency First Aid Procedures:

Eye Contact

May cause eye irritation and possible corneal injury. Immediately flush eyes with copious amounts of water and get medical attention.

Skin Contact

Immediately wash with soap and water. If skin irritation occurs, consult a physician.

Ingestion

May cause gastrointestinal irritation or nausea. Do not induce vomiting. Get immediate medical attention.

Inhalation

Move person to an area of fresh air and give artificial respiration if necessary. If breathing difficulty persists, get immediate medical attention.

7. Employee Protection Recommendations:

The employee must wear protective clothing and related safety equipment. Good ventilation should be sufficient for most conditions. Positive pressure self contained breathing apparatus should be used for confined spaces and high exposure operations. The employee should shower at the end of the work day . The employee must wear clean clothes every day or after a spill if the clothes become contaminated. Always wash hands and face with soap and water prior to eating, drinking, smoking or using toilet facilities. It is best not to wear contact lenses but use safety prescription glasses.

8. Reactivity Data:

Stability: Stable under most conditions

Hazardous Decomposition Products: unknown

Hazardous polymerization: Does not occur.

9. Spill Procedures:

Dike to prevent entering drains, sewers, streams, ponds, etc. Dispose of the material as required by local, state and federal regulations.

10. Additional Information:

Toxic to fish and aquatic organisms. Keep out of drains and water ways.

KEEP OUT OF REACH OF CHILDREN

Store in a cool place away from any heat source, sparks, pilot lights, static electricity and open flame. All containers should be disposed in a manner as regulated by governmental laws.

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