

# PRODUCT INFORMATION



## Bio-90™

### Nonionic Surfactant / Humectant / Antifoaming Agent

#### GENERAL INFORMATION

Bio-90 is a nonionic surfactant formulated for increasing the efficacy of various agricultural and horticultural spray applications.

Bio-90 should be used where wetting and uniform coverage of the spray is required.

Bio-90 is a broad-spectrum adjuvant specifically designed for optimum activity enhancement when used with a wide range of pesticides and solvents such as water, aromatics, alcohol and aliphatics.

Bio-90 can be used with most insecticides, fungicides, herbicides, defoliants and desiccants to improve the performance of the active spray ingredients by giving more uniform distribution and better wetting of the plant surface.

#### USE RATES

Bio-90 is intended for use with pesticides that are labeled for agricultural and non-agricultural uses.

#### DOSAGE PER 100 GALLONS OF SPRAY MIX

**Herbicides**..... 1 to 3 pints  
**Defoliants, Desiccants, Wettable Powders**..... 1 to 2 pints  
**Fungicides, Insecticides, Acaricides**..... 3 to 8 ounces

**For use with glyphosate herbicides:** refer to the herbicide label for recommended surfactant rates.

**For wettable powders, water soluble materials and emulsifiable products:** Add Bio-90 in water after a good mixture is formed.

Do not add this product at a rate which exceeds 0.375% of the finished spray volume.

#### TECHNICAL INFORMATION

**Net Weight:** 8.75 lbs/gal

**Specific Gravity:** 1.03-1.05

**Flashpoint:** >200°F SCC

**pH:** 5-7

**Color & Appearance:** Clear Amber Liquid

**Odor:** Fatty

**Storage Temperature - Minimum:** 40°F

**Storage Temperature - Maximum:** 120°F

**DOT/IMDG Transportation (applies to containers greater than 119 gallons only):** UN3082, Environmentally Hazardous Substances, Liquid, N.O.S., (nonylphenol), 9, PG III, Marine Pollutant

**Registered With CDPR:** Yes

**Registered With WSDA:** Yes



This product has been reviewed and approved by the CPDA (Council of Producers and Distributors of Agrotechnology).

#### PRINCIPAL FUNCTIONING AGENTS

Branched alkylphenol ethoxylate,  
propylene glycol, tall oil...90.00%

Surfactant Content...50.0%



#### PACKAGING

12 x 1 quart bottles  
10 cases per pallet  
Item#: BI901QT

4 x 1 gallon jugs  
36 cases per pallet  
Item#: BI9001

2 x 2.5 gallon jugs  
36 cases per pallet  
Item#: BI9002

30 gallon drum  
5 drums per pallet  
Item#: BI9030

55 gallon drum  
4 drums per pallet  
ITEM#: BI9055



**KALO**

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Important: This information is not a substitute for the label. Always read and follow label instructions.

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