



**PAN ASIA CHEMICALS**

Performance First

SPECIALITY CHEMICALS & SURFACTANTS

## **SURF-S GOLD**

SILICONE ADJUVANT FOR AGRICULTURE

SURF-S GOLD is a Super Wetting and Spreading Agent, which have a low molecular weight nonionic silicone polyether surfactant, developed to improve the wetting, spreading and penetration of agricultural chemicals. It may be used as a formulation ingredient in pesticide products, or as a tank-mix adjuvant for foliar applied chemicals

### PLANT FACILITIES

ALDOL – CONDENSATION | FRIEDEL- CRAFTS REACTION

DEHYDROGENATION | ESTERIFICATION REACTION

FRACTIONAL DISTILLATION



# SURF-S GOLD

SILICONE ADJUVANT FOR AGRICULTURE



## APPLICATIONS

To enhance the performance of agricultural chemicals, especially water-soluble broadleaf herbicides, insecticides, fungicides and plant growth regulators "Used as an Adjuvant" refers to the use of this product as an additive to a pesticide for the purpose of enhancing the pesticide's effectiveness for wetting more of the leaf surface (delivering the pesticide to a greater surface area for increased leaf penetration) and thereby providing rain fastness. i.e., herbicides are not washed off by rainfall because they have penetrated into the plant surface.

## CHARACTERISTICS

SURF-S GOLD Super wetting Agent reduces the surface tension of aqueous agricultural mixtures significantly lower than is achievable with conventional nonionic surfactants, at low concentrations.

SURF-S GOLD Super wetting Agent reduces surface tension below 24 dynes/cm, which produces very rapid wetting and spreading on hard-to-wet surfaces such as waxy leaves. Thus, complete coverage can be achieved with herbicides, insecticides, fungicides and other agricultural chemicals.

In addition to the rapid wetting and spreading, SURF-S GOLD Super wetting Agent also greatly increases the uptake of chemicals into plant tissues.

Adding SURF-S GOLD Super wetting Agent to a herbicide tank-mix may significantly enhance its efficacy, particularly in the control of broadleaf weeds with water soluble herbicides. The rapid uptake produces "Rain fastness".

SURF-S GOLD Super wetting Agent may be added to tank-mixes to enhance the biological performance of the spray solution. With herbicides, insecticides, fungicides and other agricultural chemicals.

## NOTE

Changes may occur from system to system as methods of use and conditions of applications are beyond our control, hence users are requested to evaluate the product before actual application such as compatibility with Biocides, Pesticides and Micronutrients to get desired performance. This product is neither tested nor represented as suitable for medical or pharmaceutical uses

## TYPICAL PROPERTIES

Parameters	Value
Appearance	Clear liquid
Viscosity @	25°C 40 –150 cst
Density	0.99 to 1.04

## FEATURES

- Good Wetting and Spreading agent
- Easily soluble in water, alcohol and hydro alcoholic system
- Excellent foam builder
- Super Spreading
- Non Ionic

RECOMMENDED DOSAGES

: SURF-S GOLD Super wetting agent should be used 0.1 to 0.5% of total formulation required.

PACKAGING

: 50 Kg & 200 Kg HDPE Carboys & Drums

STORAGE

: Store the original container in a cool and dry place Shelf life in the original unopened containers, when stored at or below 25°C, is 2 years.

**Contact**  
**9623194502**

Use **SURF-S GOLD** Adjuvant



Office Address: Shriram Plaza, Near Jagtap Dairy, Vishal Nagar, Pimple Nilakh, Pune-411027  
Factory Address: Plot No. D-403, G.I.D.C., Dahej-2., Taluka: Vagra, District: Bharuch., Gurjarat-392130, India