

**Spray adjuvant TIS-388**

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**1. DESCRIPTION**

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The product is a special non ionic modified surfactant, it is a special high efficiency adjuvant, do not contain technical active ingredients, it has no herbicidal, insecticidal, fungicidal function, but it has a strong affinity, adhesive force and penetration on the surface of plant, greatly reduce the surface tension, greatly improve the fast acting and control efficiency effect of pesticide.

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**2. TYPICAL PHYSICAL PROPERTIES**

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Appearance	Transparent liquid or light amber liquid
Active content	85%
Ionic type	Non ionic
Surface tension(25 °C , 0.1% water solution)	26.5~29.5
Penetration time(1000 times)	30s~3min30s

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**3. KEY FEATURES AND TYPICAL BENEFITS**

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- ◆ Safety and environmental protection, no pollution to the environment.
  - ◆ With wetting penetrating effect, improve the weeding readily.
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**4. USAGE AND DOSAGE**

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**As A Tank Mix Adjuvant**

TIS-388 spray adjuvant has been used successfully in spray applications globally. Typical applications include:

<b>Application</b>	<b>Typical Use Rate<sup>(a)</sup></b>
Plant Growth Regulators	0.02% to 0.04%
Herbicide	0.02% to 0.1%

Insecticide	0.02% to 0.1%
Fungicide	0.02% to 0.05%
Fertilizers and Micronutrients	0.02% to 0.1%

(a) Note: use rates are dependent on crop, agrochemical and spray volume requirements.

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## 5. MATTERS NEED ATTENTION

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- ◆ The product is compound, need to seal save, after opening should be used as soon as possible.
- ◆ Low temperature may appear turbidity, stratification, precipitation, it belongs normal phenomenon, as long as the temperature heat up to room temperature, it can restore as liquid state.
- ◆ It should be stored in strict accordance with the requirements of preservation, avoid high temperature, exposure and extreme low temperature.

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## 6. PRODUCT SAFETY, HANDLING AND STORAGE

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200kg/iron drum, 25 or 50kg/plastic drum, store in a cool place, room temperature at 5~30℃, shelf life is 1 year.

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## 7. OTHER INFORMATION

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These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.