



TDS  
**Technical  
Data Sheet**



**STAG Flux Spray**

Product Code: 32-582-0817

Most Recent Revision Date: 19 March 2023

**Product Description**

STAG Flux Spray is an effective and convenient alternate flux to traditional flux paste for soldering copper pipe. The spray bottle is easy to handle, especially in tight working spaces making for cleaner and quicker flux application, and saving time on the soldering work.

STAG Flux Spray is lead-free and produces far less vapours on heating compared to flux pastes.

**Applications**

Copper pipe joints – replaces traditional flux paste.

**Benefits**

- Spray is quick and easy to apply – saves time on soldering process
- Spray bottle is ideal in tight working spaces
- Excellent flux action for high integrity solder
- Refillable – economical and reduction of plastic waste
- Reduced vapours compared to flux paste

**Specification**

Property	Unit	Value	Test Method/Standard
Appearance	-	Transparent Red Liquid	Visual
Specific Gravity:	g/cm <sup>3</sup>	1.23 – 1.26	SG Cup
pH		3.5 – 4.5	pH meter
Solids	%	25 - 30	Constant Temperature Oven
Shelf life	Months	12	When stored unopened, in original package between 5 and 35°C in a dry and frost proof area

**Packaging**

Standard Pack Sizes: 100ml spray bottle. 1L refill.



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### Application Information

**Surface preparation:** Remove all debris, dirt, oxidation and oils from copper pipe with a fine grit sandpaper or abrasive pad. Remove any remaining dust with cloth. STAG Flux Spray can be used on a cloth to provide a cleaner surface.

**Mixing:** Shake for 30sec before use.

**Application Method:**

- Apply 2-3 sprays of STAG Flux Spray to the suitably prepared MALE part to be soldered
- Insert male into female part immediately after spraying. Do not allow applied film to evaporate.
- Heat circumference of joint with flame to required soldering temperature.
- Solder joint ensuring enough solder is used seal entire circumference of the joint
- Once cooled wipe joint clean with cloth. STAG Flux Spray can be used with cloth to provide a cleaner surface.

**Application Temperatures:** 5 – 40°C

**Precautions:** Use gloves and safety glasses while soldering

Use in a well ventilated space.

Keep out of reach of children!

Ensure container is tightly closed and replace spray cap after use to prevent spillage and evaporation.

### Safety, Storage and Disposal

**Safety:**

- Ensure good ventilation during application.
- **Keep out of reach of children!**
- Harmful if swallowed. If ingested, get medical help immediately and refer to SDS.
- Avoid contact with skin and eyes.
- If contact with skin occurs, wash off immediately with soap and water. Should adverse reaction occur, seek medical advice.
- If in contact with eyes, rinse immediately and thoroughly with plenty of clean water. Get medical assistance.
- Refer to SDS for hazard warnings and information on safe handling / use / transport / storage / disposal / emergency.

**Storage:**

- Unopened and correctly resealed containers must be kept out of direct sunlight and in dry conditions.
- **Store out of reach of children!**
- Unopened and correctly stored containers have a shelf life of 24 months.

**Disposal:**

- Do not dispose in drains, sewers or waterways.
- Dispose of waste contents and empty containers in accordance with local laws.
- **Keep used / empty containers away from children!**

Please refer to the SDS for the most current 'Handling and Storage' information.