

# Product Safety Data Sheet



The following information has been prepared in accordance with Health & Safety at Work Act and the control of Substances Hazardous to Health regulations in the UK and in accordance with English law. Users should always consult the current legislation of the country prior any intended use.

**Product:** Medium Flame Projector Red

**Product Code:** T3092

**Duration:** 3 seconds

**Noise level / dB(A):**

**Device NEM:** 30g

**Hazard Type:** 1.4s

**UN Number:** 0432

**HSE Reference:** 7.2 F 306970

**Proper Shipping Name:** ARTICALS PYROTECHNIC for Pyrotechnic purposes

**Visual height of effect:** 1.1m

**Safety zone horizontal (radius)\*** 2m

**Safety zone vertical (radius)\*** 3.5m

**Hot fall out?** Yes

**Maximum angle of firing:** Vertical to 45° from base

**Effect produced:** The effect produces a small crack followed by a roar of yellow flame. As the effect burns it produces a roaring sound and a degree of light coloured smoke.

**Additional information:** Do not puncture thin plastic top. The effect will produce a small amount of hot debris that will 'spit' out from the tube. Care to be taken if firing at height due to fallout.

\* **Important.** The safety zone referred to above is for guidance only and does not imply that any person or object placed outside this distance is 'safe'. Ensure the area around the base of the effect is flame-retardant.

## Warning

Inhalation of the smoke that this product produces should be avoided. Excessive smoke inhalation may cause respiratory irritation, difficulty in breathing, headaches, nausea and may result in vomiting. The product is designed for indoor use and in normal conditions the smoke produced should not cause a problem. However any person found to be suffering from smoke inhalation should be removed from affected area and medical assistance sought. Necessary precautions must be in place to ensure that damage to the eye cannot occur from exposure to light and foreign objects.

## In the Event of Mis-Fire

The reliability of electric fuses is so high that a genuine failure is remote. Should the effect not fire refer to the hardware firing instructions first. Should the effect part fire do not remove it from the firing position until a suffi-



cient cooling off period has passed. Item should then be returned to its original packaging to await disposal.

## Disposal Instruction

Submerge in a large bucket of water and allow the water to penetrate the product until the entire device is saturated. Leave soaking outside in a secure area for a minimum of 48 hours then dispose of them in accordance HSE/CBI EIG guidance for the safe management of the disposal of explosives. Do not dispose of waste in domestic waste receptacles.

## Spillage

Wear gloves, dust mask and goggles. Avoid skin contact and inhalation of dust. Sweep up any loose powder and packaging and dispose as per above. – Substance must be stabilised before cleaning can commence, ensure that an explosive atmosphere is not created. **Do NOT use a vacuum cleaner.**

In case of contact with skin wash area immediately with copious amounts of water, if inhaled remove to fresh air and if swallowed give fresh water to drink provided person is conscious. Seek medical advice.

## Storage Conditions

Store in a cool dry place, humidity should preferably be less than 70%. Avoid extremes of temperatures. In particular sub-zero temperatures where freezing and thaw can occur, as this can change the performance of the product. If stored in bulk products may require a Licensed Local authority or HSE approved Magazine. Store/Transport in original packaging only. Access to store must only be available to pyrotechnic operator or similar competent person. Transport only in accordance within the ADR rules by competent driver.

## **COMPETANT PERSON ONLY TO HANDLE THESE PRODUCTS.**

**DO NOT ALLOW** any person under the age of 18 handle this device at any time.

**DO NOT ALLOW** open flames or sparking equipment near these devices and particular attention must be paid to keep effect well away from high powered electro magnetic fields (radio emissions) and stray currents. Mobile phones should be switched off when near to pyrotechnics.

**DO NOT SMOKE** or allow smoking at any time when handling or near these devices.

**DO NOT ATTEMPT** to dismantle or modify these pyrotechnic devices in any way or use them in a manner other than their intended use.

**IT IS ESSENTIAL** that a risk assessment is carried out prior to the use of these devices, taking into consideration the surrounding environment and the location of the audience and performers with respect of any event that may arise from the use of this product. Always test first.

**ALWAYS USE** the correct holders/Launchers with this product. Skyhigh FX entertains no liability of any sort where their devices are used without the correct holder/launcher and they are not fixed in a stable manner

**DO NOT** ignite these devices while holding them in the hand or inserted into any bodily orifice!

**ALWAYS ENSURE** that all pyrotechnic devices can be observed from the firing position at the point of firing to make sure that nothing has changed with regards to the location and environment of the devices, which may cause harm or damage when fired. E.g. person too close, broken fixings. In such an instance **DO NOT FIRE.**

**PLEASE NOTE** that it is strongly recommended that tests be carried out on products to ensure their suitability for use at the designated location.

**ALWAYS** store in original packaging.

**IF IN ANY DOUBT** about the effect produced or their proper use, further information can be sought from the manufacturer SkyHigh fx Ltd. The Old Gun Site, Kingsdown Road, Sittingbourne, Kent. ME9 0QX Telephone 0800 233 5353 during office hours.

