



## C.O.S.H.H. ASSESSMENTS

### SUBSTANCE: ISOPROPANOL (ISOPROPYL ALCOHOL)

USED BY: Technical Cleaner

DATA SHEET SUPPLIED: Yes

REF. INFORMATION SHEET NO: 22/NP

HAZARDOUS SUBSTANCES	CLASSIFICATION
Propan-2-01 Cas No 67-63-0 Einecs no 1219 70% pure (w/v) alcohol	Highly Flammable Irritant

UNIQUE ASSESSMENT No:	22/NP	DATE REVIEWED:	November 2011
ASSESSED BY:	A.C.Treweek	DATE OF NEXT REVIEW:	1 December 2012
POSITION HELD:	Training/Field Safety Manager		

#### MANAGER'S COMMENTS

Used to remove stubborn stains such as ink or adhesive. Issued and used in very small quantities only i.e. typically 100 ml per employee.

Bulk Stock: Stored in **flame-proof box** away from any source of ignition at Company Stores.

#### SPECIAL INSTRUCTIONS

The use of PVC or vinyl gloves is recommended during usage.

**Workplace exposure limits (WEL HSE Doc EH40 refers)** apply to this product during the decanting process at the Company stores in Beckenham. The following information is based on discussion with the Manufacturer's (Univar) Technical Department.

**Storeman** de-cants in well ventilated area. As a **safety precaution** time working in close proximity to vapour should be **restricted** to no more than **15 minutes** during any one 8 hour period (based on short term exposure to 500 ppm). Anti splash goggles should be worn during this process.

**On site usage** - do not use in confined spaces without adequate ventilation. Given the insignificant quantities used and the volume of air present in a typical office environment, it can safely be used for up to 8 hours (WEL 8 hours to 400 ppm).



## CONCLUSIONS ABOUT THE RISK

(Give brief statement for 1 to 7 below)

<b>1. HEALTH SURVEILLANCE IS REQUIRED</b>	No
<b>2. HEALTH SURVEILLANCE IS NOT REQUIRED</b>	Yes. Given that the quantity of the product requiring decanting at any one time is relatively small, the 15 minute/8 hour WEL is more than adequate for the task.
<b>3. MONITORING IS REQUIRED</b>	Yes, during the decanting process at the company stores to ensure that exposure time is restricted. Monitoring should be carried out by the Operations Manager, Field Manager, Field Safety Officer or Director.
<b>4. MONITORING IS NOT REQUIRED</b>	No
<b>5. THE RISKS ARE CONTROLLED NOW BUT COULD BE IMPROVED</b>	No
<b>6. THE RISKS ARE CONTROLLED</b>	Yes, by the issue of appropriate PPE and limitation of quantities issued.
<b>7. THE RISKS ARE INSIGNIFICANT</b>	Yes, when used on site given that only very small amounts are used at any one time. Stores risks reduced by erring on the side of safety i.e we have used the short term value of 500 ppm for the decanting process.
<b>REASONS FOR CONCLUSION</b>	
The product does contain a substance that requires health surveillance, hence monitoring of the decanting process, however, once issued to Field Staff in 100 ml containers, the quantity and manner in which it is used negates the need for further surveillance.	

Signed  .....

Dated 11/11/2011 .....

E Tomlins



## HAZARDS AND PRECAUTIONS

	HAZARD	PRECAUTIONS
<b>SKIN</b>	The product has a strong de-fatting action on skin.	Avoid skin contact.
<b>INHALATION</b>	Narcotic at high vapour concentration.	Avoid breathing vapours. Use in well ventilated areas.
<b>INGESTION</b>	Intoxication could cause a coma.	Do not drink.
<b>EYES</b>	Irritant to eyes.	Keep away from eyes.
<b>SPILLAGE</b>	Highly flammable vapour.	Ventilate the spillage area. Cover with inert material (sand) Disperse vapour with water spray.
<b>STORAGE</b>	Highly flammable.	Bulk stock. Store in steel container away from any source of ignition or extreme temperatures.
<b>FIRE</b>	Highly flammable.	Keep away from naked flame or any source of ignition.

## INSTRUCTIONS

<b>HANDLING AND STORAGE</b>	Store in original containers, keep tightly closed. Avoid sources of heat, ignition and direct sunlight.
<b>TRANSPORTATION</b>	Highly flammable, as above.
<b>USE</b>	Use as directed by the manufacturer. Do not eat, drink or smoke when using. Use in well ventilated areas.
<b>DISPOSAL</b>	Generally used to completion. Recover or recycle if possible. Otherwise incineration.
<b>FIRE</b>	Treat fire with alcohol resistant foam, water spray or fog. Dry chemical powder, carbon dioxide may be used for small fires.

## FIRST AID MEASURES

<b>SKIN</b>	Flush with plenty of water, then wash the area with soap and water. In case of prolonged skin contact apply replenishing cream.
<b>INHALATION</b>	Remove to fresh air. Seek medical attention if they do not recover quickly.
<b>INGESTION</b>	Rinse mouth with water and give copious amounts of water. <b>Do not</b> induce vomiting. Seek medical aid.
<b>EYES</b>	Flush thoroughly with large amounts of water holding the eyelids apart for at least ten minutes. Seek medical aid.