

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 2009
ASSESSED BY:	A.C.Treweek	DATE OF NEXT REVIEW:	1 December 2010
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)

1. HEALTH SURVEILLANCE IS REQUIRED	No
2. HEALTH SURVEILLANCE IS NOT REQUIRED	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.
3. MONITORING IS REQUIRED	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.
4. MONITORING IS NOT REQUIRED	No
5. THE RISKS ARE CONTROLLED NOW BUT COULD BE IMPROVED	No
6. THE RISKS ARE CONTROLLED	Yes, by the issue of appropriate PPE and limitation of quantities issued.
7. THE RISKS ARE INSIGNIFICANT	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.
REASONS FOR CONCLUSION	
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 ...11/11/2009.....

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HAZARDS AND PRECAUTIONS

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

INSTRUCTIONS

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

FIRST AID MEASURES

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