SAFETY DATA SHEET

PAGE: 1 of 4

PRINT DATE: 08/06/1998

REF: PHC025/100/100T

Product name:		Ρ	HONECLEI	NS			
Product code:		PH	HC025/100/100T				
Supplier:		A	AUTOMATION FACILITIES				
			K. Wentworth L				
		We	entworth House	, Blakes Road,			
		Wa	argrave, Berksl	hire, RG10 8AW, U	Inited Kingdom.		
Emergency telephone	e number:	01	18 9404031		Fax No: 011	8 9403084	
2. COMPOSITION/INF	ORMAT		IGREDIENTS	5			
Identification of the p	reparation	Clo	oth impregnated	with 2ml fluid.			
Chemical Name	•		CAS-No	EC-No	Class	Weight %	
~PROPAN-2-OL			67-63-0	200-746-9	F; R11	< 30	
					(Sweden: V; R320/322, R313)		
NON HAZARDOUS CO	ONSTITUEI	NTS				> 70	
3. HAZARDS IDENTI	FICATIO	N					
Meet impertent herer							
Most important hazar	as:	Hig	ghly flammable				
Specific hazards	as:			ye/skin irritation. N	lay cause irritation	of	
•	as:	Ma res	ay cause slight e spiratory tract. F	ye/skin irritation. M ligh concentration narcosis. Solvents	of vapours may in	duce	
Specific hazards		Ma res	ay cause slight e spiratory tract. F	ligh concentration	of vapours may in	duce	
Specific hazards	JRES	Ma res un	ay cause slight e spiratory tract. F	ligh concentration	of vapours may in	duce	
Specific hazards 4. FIRST AID MEASU	JRES Use or	Ma res un Iy in well-ver	ay cause slight e spiratory tract. H consciousness / ntilated areas	ligh concentration	of vapours may ind may degrease the	duce	
Specific hazards 4. FIRST AID MEASU General advice:	JRES Use or Move t	Ma res un Ily in well-ver o fresh air. C	ay cause slight e spiratory tract. H consciousness / ntilated areas	igh concentration of narcosis. Solvents	of vapours may ind may degrease the	duce	
Specific hazards 4. FIRST AID MEASU General advice: Inhalation:	JRES Use or Move t Wash o	Ma res un ly in well-ver o fresh air. C off with soap eye(s) immed	ay cause slight e spiratory tract. H consciousness / ntilated areas consult a physicia and plenty of wa	igh concentration of narcosis. Solvents	of vapours may inc may degrease the exposure	duce e skin.	
Specific hazards 4. FIRST AID MEASU General advice: Inhalation: Skin contact:	JRES Use or Move t Wash o Flush e special	Ma res un ly in well-ver o fresh air. C off with soap eye(s) immed ist iately give la	ay cause slight e spiratory tract. H consciousness / ntilated areas consult a physicia and plenty of wa liately with plenty	igh concentration of narcosis. Solvents an after significant eater.	of vapours may inc may degrease the exposure tation persists, cor	duce e skin.	
Specific hazards 4. FIRST AID MEASU General advice: Inhalation: Skin contact: Eye contact: Ingestion:	JRES Use on Move t Wash o Flush e special Immed necess	Ma res un ly in well-ver o fresh air. C off with soap eye(s) immed ist iately give la ary.	ay cause slight e spiratory tract. H consciousness / ntilated areas consult a physicia and plenty of wa liately with plenty	igh concentration of narcosis. Solvents an after significant of ater. y of water.If eye irri	of vapours may inc may degrease the exposure tation persists, cor	duce e skin.	
Specific hazards 4. FIRST AID MEASU General advice: Inhalation: Skin contact: Eye contact: Ingestion:	JRES Use on Move t Wash o Flush e special Immed necess	Ma res un ly in well-ver o fresh air. C off with soap eye(s) immed ist iately give lat ary.	ay cause slight e spiratory tract. H consciousness / ntilated areas consult a physicia and plenty of wa liately with plenty rge quantities of	igh concentration of narcosis. Solvents an after significant of ater. y of water.If eye irri	of vapours may inc may degrease the exposure tation persists, cor sult a physician if	duce e skin. nsult a	
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Specific hazards 4. FIRST AID MEASU General advice: Inhalation: Skin contact: Eye contact: Ingestion: 5. FIRE-FIGHTING M Suitable extinguishing Extinguishing media w	JRES Use or Move t Wash o Flush e special Immed necess EASURE media:	Ma res un lly in well-ver o fresh air. C off with soap eye(s) immed ist iately give lat ary. S Extinguish v Do not us	ay cause slight e spiratory tract. H iconsciousness / ntilated areas consult a physicia and plenty of wa diately with plenty rge quantities of	igh concentration of narcosis. Solvents an after significant of ater. y of water.If eye irri water to drink.Con de, dry chemical, fo	of vapours may inc may degrease the exposure tation persists, cor sult a physician if	duce e skin. nsult a	
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Specific hazards 4. FIRST AID MEASU General advice: Inhalation: Skin contact: Eye contact: Ingestion: 5. FIRE-FIGHTING M Suitable extinguishing Extinguishing media w not be used for safety Specific hazards: Special protective equ for firefighters:	JRES Use or Move t Wash o Flush e special Immed necess EASURE media: which must reasons:	Ma res un lly in well-ver o fresh air. C off with soap eye(s) immed ist iately give lan ary. S Extinguish v Do not us Cool contair Wear self co	ay cause slight e spiratory tract. H consciousness / ntilated areas consult a physicia and plenty of wa diately with plenty rge quantities of with carbon dioxi e water jet ners / tanks with ontained breathin	igh concentration of narcosis. Solvents an after significant eater. y of water.If eye irri water to drink.Con de, dry chemical, fo	of vapours may inc may degrease the exposure tation persists, cor sult a physician if pam or waterspray	duce e skin.	
Specific hazards 4. FIRST AID MEASU General advice: Inhalation: Skin contact: Eye contact: Ingestion: 5. FIRE-FIGHTING M Suitable extinguishing Extinguishing media w not be used for safety Specific hazards: Special protective equ	JRES Use or Move t Wash o Flush e special Immed necess EASURE media: which must reasons:	Ma res un lly in well-ver o fresh air. C off with soap eye(s) immed ist iately give lan ary. S Extinguish v Do not us Cool contair Wear self co	ay cause slight e spiratory tract. H consciousness / ntilated areas consult a physicia and plenty of wa diately with plenty rge quantities of with carbon dioxi e water jet ners / tanks with ontained breathin	igh concentration of narcosis. Solvents an after significant of ater. y of water.If eye irri water to drink.Con de, dry chemical, fo spray water. ng apparatus for fir	of vapours may inc may degrease the exposure tation persists, cor sult a physician if pam or waterspray	duce e skin. hsult a	

2 of 4 PAGE: 08/06/1998 Product name: **PHONECLENS** PRINT DATE: REF: PHC025/100/100T Soak up with inert absorbent material (e.g. sand, silica gel, Methods for cleaning up: acid binder, universal binder, sawdust).Keep in suitable, closed containers for disposal. 7. HANDLING AND STORAGE Handling: Use only in well-ventilated areas. Do not breath vapours or spray mist. Avoid contact with the skin and the eyes. When using, do not eat, drink or smoke. Keep in a cool, well-ventilated place. Keep product and empty container away from heat Storage: and sources of ignition. Take precautionary measures against static discharges. 8. EXPOSURE CONTROLS / PERSONAL PROTECTION **Chemical Name:** National occupational exposure limits: HSC(EH40) ~PROPAN-2-OL Long term (8 hrs) = 400ppm / 999mgm⁻³ Short term (15 min) = 500ppm / 1250mgm⁻³ NON HAZARDOUS CONSTITUENTS Engineering measures: Ensure adequate ventilation, especially in confined areas. **Personal protection equipment:** - Respiratory protection: Ensure adequate ventilation. - Hand protection: solvent-resistant gloves. - Eye protection: safety glasses - Skin and body protection: Hygiene measures: When using, do not eat, drink or smoke. 9. PHYSICAL AND CHEMICAL PROPERTIES Form: Colourless liquid with perceptible odour Colour: colourless Odour: alcoholic pH: (20 °C) 5-6 **Boiling point/range:** no data °C available Melting point/range: >0 °C Flash point: >50 °C Autoignition temperature: no data °C available Flammability (solid, gas): not applicable **Explosive properties:** not applicable **Oxidizing properties:** Not applicable Vapour pressure: (20 °C) 23.5 hPa **Relative density:** >= no data available Solubility: Water solubility completely (g/l) soluble Viscosity: no data mPa.s available **10. STABILITY AND REACTIVITY**

Stability:
Conditions to avoid:
Materials to avoid:

Stable

oxidizing agents

Product name:

08/06/1998

PRINT DATE:

REF: PHC025/100/100T

the Environmental Protection (Duty of Care) Regulations 14. TRANSPORT INFORMATION UN-No: 1993 ADR/RID 31 Class: 3 Item: 31 Proper shipping name: Flammable liquids, n.o.s (contains Isopropanol) 1993 IMO Class: 3.3 IMDG Page: 3345 EmS: 3-07 MFAG: 305 Proper shipping name: Flammable liquids, n.o.s (contains Isopropanol) ICAO ICAO Samable liquids, n.o.s (contains Isopropanol) IP03 Proper shipping name Flammable liquids, n.o.s (contains Isopropanol) IP03				REF. 1110020/
Acute toxicity: Not applicable Local effects: Prolonged skin contact may cause skin irritation and/or der Sensitization: Not applicable Long term toxicity: Not applicable Chronic toxicity: Not applicable 12. ECOLOGICAL INFORMATION Mobility: Persistence and degradability: Not readily biodegradable. Bioaccumulation: None Ecotoxicity effects: IPA: LC50/96h/fathead minnows = 9600mg/l 13. DISPOSAL CONSIDERATIONS Waste from residues / unused products: Waste from residues / unused products: Dispose of as special waste in compliance with the Contine and offer for recycling of material accor the Environmental Protection (Duty of Care) Regulations 14. TRANSPORT INFORMATION UN-No: UN-No: 1993 ADR/RID Class: Class: 3.3 IMDG Page: 3345 EmS: 3-07 MFAG: Proper shipping name: Flammable liquids, n.o.s (contains Isopropanol) ICAO Class: 3 ICAO 1993 Proper shipping name: Flammable liquids, n.o.s (contains Isopropanol) ICAO 1993	Hazardous decompositior	n products:	Not applicable	
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Chronic toxicity: Not applicable 12. ECOLOGICAL INFORMATION Mobility: Persistence and degradability: Not readily biodegradable. Bioaccumulation: None Ecotoxicity effects: IPA: LC50/96h/fathead minnows = 9600mg/l 13. DISPOSAL CONSIDERATIONS Waste from residues / unused products: Waste from residues / unused products: Dispose of as special waste in compliance with the Control Pollution (Special Waste) Regulations 1980. Contaminated packaging: Store containers and offer for recycling of material accor the Environmental Protection (Duty of Care) Regulations 14. TRANSPORT INFORMATION UN-No: UN-No: 1993 ADR/RID Class: Class: 3.3 Item: 31 HI/UN No: 1993 Proper shipping name: Flammable liquids, n.o.s (contains Isopropanol) IMO Class: 3.3 CAG 3 UN/ID No: 1993 Proper shipping name: Flammable liquids, n.o.s (contains Isopropanol) ICAO Class: 3 UN/ID No: 1993 Proper shipping name Flammable liquids, n.o.s (contains Isopropanol) ICAO	Sensitization:		Not applicable	
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Classification according to European directive on classification of hazardous preparations 90/49	15. REGULATORY INFO			
- Contains:			antino en eleccification	n of borordoup properties of (400/
	•	o European dir	rective on classificatio	n or nazardous preparations 90/492/E
	- Symbol(s):	N		

F - Highly flammable R11 - Highly flammable.

R-phrase(s): S-phrase(s):

S2 - Keep out of reach of children. - Keep container tightly closed in a cool, well-ventilated place S16 - Keep away from sources of ignition - No smoking. S33 -Take precautionary measures against static discharges.

Product name:

REF: PHC025/100/100T

16. OTHER INFORMATION Recommended use: Recommended restrictions: Revision number: 5 Further information: CN no 34029010 Contact Name: Carolyn Booth Department: Technical

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text