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CROMPTON & KNOWLES CORPORATION  
 DYES & CHEMICALS DIVISION  
 ENVIRONMENTAL AFFAIRS DEPARTMENT  
 P.O. BOX 341  
 READING, PA 19603

(215) 582-8765

JANUARY 04, 1994

ROUTE TO:			
	ACT	INFO	INIT
Pres.			
V. Pres.			
Sales Mgr.			
Acctg.			
Oper.			
File			

HONOLULU WOOD TREATING CO. LTD  
 91-291 HANUA ST.  
 KAPOLEI, HI 96707

RE: MATERIAL SAFETY DATA SHEETS

DEAR CUSTOMER:

ENCLOSED YOU WILL FIND A REVISED MATERIAL SAFETY DATA SHEET FOR EACH OF THE PRODUCTS WHICH YOU HAVE RECENTLY PURCHASED. PLEASE DISCARD ANY PREVIOUS MATERIAL SAFETY DATA SHEETS FOR THESE PRODUCTS.

THE MATERIAL SAFETY DATA SHEET IS AN IMPORTANT SOURCE OF PRODUCT INFORMATION. PLEASE READ ALL OF THE INFORMATION ON THE MSDS BEFORE HANDLING THE PRODUCT. ACCORDING TO THE OSHA HAZARD COMMUNICATION STANDARD, WORKERS MUST BE ADVISED OF THE HAZARDS OF THE CHEMICALS IN THE WORKPLACE AND RECEIVE TRAINING TO ENABLE THEM TO WORK SAFELY WITH HAZARDOUS CHEMICALS.

IF YOU ARE NOT THE PERSON WITHIN YOUR COMPANY WHO SHOULD BE RECEIVING THE MATERIAL SAFETY DATA SHEETS, WE ASK THAT YOU FORWARD THEM TO THE APPROPRIATE PERSON OR DEPARTMENT IN YOUR COMPANY. IF YOU ARE IN NEED OF ADDITIONAL COPIES, WE WILL BE PLEASED TO SEND THEM TO YOU UPON REQUEST. WE APPRECIATE YOUR CONTINUED INTEREST IN CROMPTON & KNOWLES' PRODUCTS. IF WE CAN BE OF ADDITIONAL ASSISTANCE TO YOU, PLEASE LET US KNOW.

SINCERELY,

ENVIRONMENTAL AFFAIRS DEPARTMENT  
 CROMPTON & KNOWLES

MSDS	PRODUCT	TRADE NAME	INVOICE	COPIES
00831	4580105	INTRACID SCARLET MOO CONC	16402	1

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MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

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TRADE NAME.....: INTRACID SCARLET MOO CONC  
CHEMICAL FAMILY.....: DISAZO  
ITEM FAMILY.....: 4580  
COLOR INDEX NO.....: 27290  
COLOR INDEX NAME.....: C.I. ACID RED 73  
CAS NO.....: 5413-75-2  
REVISION DATE.....: 12/11/91  
LAST REVISION DATE: 03/14/90

II. HAZARD WARNING LABEL

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WARNING:  
CAUSES EYE IRRITATION,  
MAY CAUSE SKIN IRRITATION  
AVOID CONTACT WITH EYES AND SKIN  
AVOID INHALATION OF DUSTS  
WASH THOROUGHLY AFTER HANDLING  
KEEP CONTAINERS CLOSED

III. HAZARDOUS INGREDIENTS

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INGREDIENT: NONE AS PER 29CFR 1910.1200  
EXPOSURE LIMITS.....: NOT APPLICABLE

NAPIM HMIS  
H: 2 F: 1 R: 1 P: F

IV. PHYSICAL DATA

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APPEARANCE.....: RED POWDER  
ODOR.....: NO ODOR  
SOLUBILITY IN WATER: SOLUBLE

V. FIRE AND EXPLOSION DATA

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FLASH POINT.....: N/A  
FLAMMABLE UNITS.....: N/A  
EXTINGUISHING MEDIA: WATER, DRY CHEMICAL, CO2  
SPECIAL PROCEDURES  
FOR FIGHTING FIRE..: WEAR SCBA  
UNUSUAL HAZARDS.....: AVOID DUSTING CONDITIONS,  
MAY FORM EXPLOSIVE DUST MIXTURES WITH AIR.

NFPA CODE:  
F: 1 H: 1 R: 1 S: N

VI. REACTIVITY DATA

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STABILITY.....: STABLE

CONDITIONS TO  
AVOID.....: NONE  
POLYMERIZATION.....: WILL NOT OCCUR  
CONDITIONS TO  
AVOID.....: NONE  
INCOMPATIBILITY.....: NONE KNOWN  
HAZARDOUS  
DECOMPOSITION.....: BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN,  
AND SULFUR

## VII. HEALTH HAZARD DATA

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### EFFECTS OF OVEREXPOSURE:

PRODUCT IN CONTACT WITH EYES WILL CAUSE IRRITATION  
SKIN CONTACT MAY BE IRRITATING

### ROUTES OF EXPOSURE:

INHALATION: X                      SKIN: X                      INGESTION:                      EYES: X

### SIGNS AND SYMPTOMS

OF OVEREXPOSURE.....: NOT KNOWN

### MEDICAL CONDITIONS

GENERALLY AGGRAVATED  
BY EXPOSURE.....: NOT KNOWN

### CARCINOGENICITY:

NTP: NO                      IARC: NO                      OSHA REGULATED: NO                      :

### TOXICITY DATA:

ORAL (ANIMAL).....: 2.5 G/KG  
DERMAL (ANIMAL).....: > 2.0 G/KG  
INHALATION (ANIMAL): NO DATA  
EFFECTS TO EYES  
(ANIMAL).....: MODERATLY IRRITATING  
SKIN IRRITATION.....:  
(ANIMAL).....: NOT IRRITATING  
FISH, LC50 (LETHAL): NO DATA  
ADDITIONAL DATA.....: NO DATA

## VIII. EMERGENCY AND FIRST AID PROCEDURE

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INHALATION.....: IF INHALED, MOVE TO FRESH AIR. IF BREATHING IS  
DIFFICULT, GIVE OXYGEN AND GET MEDICAL ATTENTION  
RIGHT AWAY.  
EYE CONTACT.....: FLUSH EYES WITH FLOWING WATER FOR AT LEAST 15  
MINUTES, HOLDING EYELIDS APART TO IRRIGATE  
THOROUGHLY. GET MEDICAL ATTENTION RIGHT AWAY.  
SKIN CONTACT.....: WASH AFFECTED SKIN AREAS THOROUGHLY WITH SOAP AND  
WATER. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN  
INGESTION.....: IF SWALLOWED, DILUTE WITH WATER AND INDUCE  
VOMITING. GET IMMEDIATE MEDICAL ATTENTION. NEVER  
GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS  
UNCONSCIOUS OR HAS CONVULSIONS.

## IX. SPECIAL PROTECTION

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RESPIRATORY.....: NIOSH APPROVED DUST RESPIRATOR

EXPOSURE LIMITS.....: NUISANCE PARTICULATES 10 MG/M3 TOTAL DUST (ACGIH)  
VENTILATION LOCAL: X MECHANICAL:  
PROTECTIVE GLOVES...: RUBBER GLOVES  
EYE PROTECTION.....: GOGGLES  
OTHER PROTECTIVE  
EQUIPMENT.....: APRON, COVERALL TO MINIMIZE SKIN CONTACT

**X. SPECIAL PRECAUTIONS**

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IN ACCORD WITH GOOD INDUSTRIAL PRACTICE, HANDLE THIS PRODUCT WITH CARE AND AVOID PERSONAL CONTACT.

**XI. TRANSPORTATION INFORMATION**

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DOT HAZARD  
CLASSIFICATION.....: N/A  
DOT PROPER SHIPPING  
NAME.....: NOT DOT REGULATED  
DOT LABEL.....: N/A  
UN/NA NUMBER.....: N/A  
R.Q.....: N/A

**XII. SPILL AND LEAK PROCEDURES**

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REGULATORY WASTE  
DESCRIPTION.....: NOT HAZARDOUS ACCORDING TO 40 CFR PART 261  
R.Q.....: NONE  
WASTE DISPOSAL.....: BURY OR INCINERATE ACCORDING TO FEDERAL, STATE  
AND LOCAL REGULATIONS.  
DRUM DISPOSAL.....: CONTAINERS SHOULD BE TRIPLE RINSED ACCORDING TO  
FEDERAL REGULATIONS AND/OR GOOD WASTE MANAGEMENT  
PRACTICE.  
STEPS TO BE TAKEN IF  
MATERIAL RELEASED  
OR SPILLED.....: WEAR APPROPRIATE SAFETY EQUIPMENT, CONTAIN AND  
CLEAN UP SPILL IMMEDIATELY, PREVENT FROM ENTERING  
FLOOR DRAINS, CONTAIN LIQUIDS USING ABSORBANTS,  
SWEEP POWDERS CAREFULLY MINIMIZING DUSTING, SHOVEL  
ALL SPILL MATERIALS INTO DISPOSAL DRUM, FOLLOW  
DISPOSAL INSTRUCTIONS, SCRUB SPILL AREA WITH  
DETERGENT, FLUSH WITH COPIOUS AMOUNTS OF WATER.

**XIII. REGULATORY INFORMATION**

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TSCA.....: IN COMPLIANCE.

SARA:

THIS PRODUCT IS NOT REPORTABLE UNDER SARA SECTION 313

OSHA HAZARD CLASSIFICATION:

ACUTE.....: YES CHRONIC...: NO FLAMMABLE.: NO  
REACTIVE...: NO OXIDIZER...: NO

STATE RIGHT TO KNOW LAWS:

INGREDIENTS	CAS#/TSRN	PA	NJ	MA
C. I. ACID RED 73	5413-75-2	NH	NH	NH
SODIUM CHLORIDE	7647-14-5	NH	NH	NH
DEXTRIN	9004-53-9	NH	NH	NH

H-HAZARDOUS, NH-NONHAZARDOUS

**XIV. OTHER INFORMATION**

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THIS PRODUCT IS A "CONTROLLED" PRODUCT AS DEFINED BY THE CANADIAN WHMIS, CATEGORY D-2-B.

**DISCLAIMER:**

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CROMPTON & KNOWLES WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL AND IS REASONABLY FIT FOR THE SPECIFIC PURPOSES REFERRED TO IN ITS DIRECTIONS FOR USE, SUBJECT TO THE INHERENT RISKS REFERRED TO IN THE MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT. CROMPTON & KNOWLES MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL CROMPTON & KNOWLES BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.