NAIL CREATION PROFESSIONAL

Material Safety Data Sheet

R3000 – REMOVER WITH ACETONE

Section 1 – Identification of the Substance/Preparation and of the Company/Undertaking

Product Name: **Rremover with Acetone**
Chemical Name: N/A :

MSDS Approval Date	**10/13/2004**
MSDS Prepared by:	BSQ

Family: SOLVENT

Product Use: Polish Remover

Product #: R3000

Manufacturer: CNC International BV
Burgemeesterlaan 2 – 6002EG Weert - Netherlands
Emergency Phone Numbers:+31-495-547409
Information Contacts: +31-495-548213

Section 2- Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure Limits OSHA TWA/STEL	ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Acetone	67-64-1	200-662-2	Acetone	1000 ppm	750 ppm	Not Listed	55-65
Isobutyl Acetate	110-19-0	203-745-1	Isobutyl acetate	150 ppm	150 ppm	Not Listed	15-20
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	400 ppm	400 ppm	no/no/no	15-20
D&C Red #7	5281-04-9	226-109-5	CI15850	N/E	N/E	Not listed	<1

N/E - None Established
N/R - Not Reviewed
N/DA - No Data Available
N/A - Not Applicable

Hazard Symbols: Xi, F **Risk Phrases:** R22, R36/37/38, R33 **Safety Phrases:** S7/9, S24/25, S33, S36/37, S38, S46

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- **Flammable liquid and vapor!**
- May cause allergic skin reaction.
- May cause eye irritation.
- Avoid prolonged or repeated breathing of gases, vapors or mists.



Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry	Inhalation, skin contact, eye contact
Eye	Exposure may cause eye irritation. Symptoms include stinging, tearing, redness and swelling.
Skin	Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying, cracking, and skin burns.
Ingestion	Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.
Inhalation	Vapor and mist are irritating to mucous membrane. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.
Sub-Chronic Effects	May cause headaches, nausea, vomiting and narcotic effect if over-exposed.

NOTE: Refer to Section 11, Toxicological Information for Details

Section 4 - First Aid Measures

First Aid for Eye	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water for 15 minutes while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.
First Aid for Skin	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.
First Aid for Inhalation	Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.
First Aid for Ingestion	If individual is drowsy or unconscious, do not give anything by mouth; place individual on the leftside with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not

leave individual unattended.

Section 5 - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
TAG Closed: 68ºF/20ºC	400 ppm	N/DA

Method:

Extinguishing Media:	Foam, dry chemical, cold water spray.
Fire Fighting Instructions:	Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION. Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.
Unusual Hazards:	Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, Carbon dioxide and oxides of nitrogen. Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations.

Section 6 - Accidental Release Measures

Spill or Release Procedures: Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

Section 7 - Handling and Storage

Handling: Keep containers cool and dry. Keep away from heat, light and ignition sources. Avoid breathing high vapor concentrations. Avoid prolonged or repeated contact with skin. Use only with adequate ventilation. Containers should be bonded and grounded for transfers to avoid static sparks. Use non-sparking type tools and equipment, including explosion proof ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames. Conatiners of this material may be hazardous when empty since they retain prduct resiues (vapors, liquid). Wash thoroughly after handling.

Storage: Store in well ventilated area. Store @ 70ºF +/- 15°F, allow some air space above liquid level. Keep containers closed while not in use.

Explosion Hazard: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Section 8 - Exposure Controls / Personal Protective Equipment

Engineering Controls: Facilities storing or ultilizing this material should be equipped with an eye facility and safety shower. Use process enclosures local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

Personal Protective Equipment

General	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product . Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.
Eye/ Face Protection	Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.
Skin Protection	Wear resistant gloves.To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
Respiratory Protection	A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapor dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Section 9 - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Clear liquid	fruity ester odor	N/A	(H2O=1): 0.98	300-400 cps	W/W% (70ºF): 99+

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficien Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
160°F/71ºC	N/DA	N/DA	N/DA	(Air=1): 1	N/A	N/A	Miscible in all proportions of water

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
TAG Closed: 68ºF/20ºC	400 ppm	N/DA

Section 10 - Stability and Reactivity

Stability:
Stable under ordinary conditions of use and storage

Hazardous Decomposition Products:
Heated material produces NO2 , CO2 , CO

Conditions to Avoid:
Heat, flame, ignition sources.

Incompatibility (Materials to Avoid):
Avoid oxidizing agents,acids & bases (heat)

Hazardous Polymerization:
Will not occur

Section 11 - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
Oral, rat: LD50 = 3.2-6.4 g/kg	Dermal, rabbit: LD50 = >20 mL/kg	Inhalation, rat: LC50 = 3500-8000 ppm/4 hours	Rabbit: slight	Rabbit: slight

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the aliphatic ketones. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

Sensitization	Mutagenicity	Sub-chronic Toxicity
Minor	Hamster fibroblast, 40 g/L sex chromosome loss/non disjunction: S .cerevisiae, 47600 ppm Salmonela typhimurium TA92, TA94, TA98, TA100, TA1537 with metabolic activation.	N/DA

Section 12 - Ecological Information

Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
Rainbow trout LC50 = 5540 mg/L; 96 HR; Static Conditions	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	When released into the soil, this material is expected to readily biodegrade, leach into groundwater, and/or quickly evaporate.
Chemical Oxygen Demand	N/DA

To the best of our knowledge, the ecotoxocological and chemical fate properties have not been thoroughly investigated.

Do not allow to enter drinking water supplies, wastewater, or soil.

Section 13 - Disposable Considerations

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.
Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

Section 14 - Transport Information

DOT (49 CFR 172)	
Proper Shipping Name:	Flammable liquids, n.o.s., (acetone, isobutyl acetate), 3, UN1993, PGII
Identification Number:	UN1993
Marine Pollutant:	No
Special Provisions:	T8, T31
Emergency Response Guidebook (ERG) #:	**128**
IATA (DGR):	
Proper Shipping Name:	Flammable liquids, n.o.s., (acetone, isobutyl acetate), 3, UN1993, PGII
Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	
Emergency Response Guidance (ICAO)#:	**3L**
IMO (IMDG):	
Proper Shipping Name:	Flammable liquids, n.o.s., (acetone, isobutyl acetate), 3, UN1993, PGII
Class or Division:	3.2
UN or ID Number:	UN1993
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	**3-07**
Other Information:	**Flash point = 20ºC**

Section 15 - Regulatory Information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAPs): • NONE There are no ODS's (ozone depleting substances) as defined by the U. S. Clean Air Act.
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: • Isobutyl Acetate, CAS# 110-19-0
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. Its hazard are: • Immediate (acute) health hazard • Fire hazard

RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40 CFR 261): • Ethyl Acetate CAS# 141-78-6, RCRA Code U112 • Acetone, CAS# 67-64-1, RCRA Codes U002 • May contain Characteristic of Ignitablility: RCRA Code: D001
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
SARA Title III: Section 302 (TPQ)	This product contains chemicals regulated under Section 302-304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): • Acetone, CAS# 67-64-1, RQ(lbs.): 5,000 • Ethyl Acetate CAS# 141-78-6, RQ(lbs.): 5000 • Isobutyl Acetate CAS# 110-19-0, RQ(lbs.): 5000
SARA Title III: Section 311-312:	This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: • Immediate (acute) health hazard • Fire hazard
SARA Title III: Section 313:	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: • Acetone, CAS# 67-64-1
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

State Regulations

CA Right-to-Know Law: California No Significant Risk Level:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0 NONE
MA Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
NJ Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
PA Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0, Lanolin CAS #8006-54-0
FL Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
MN Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0

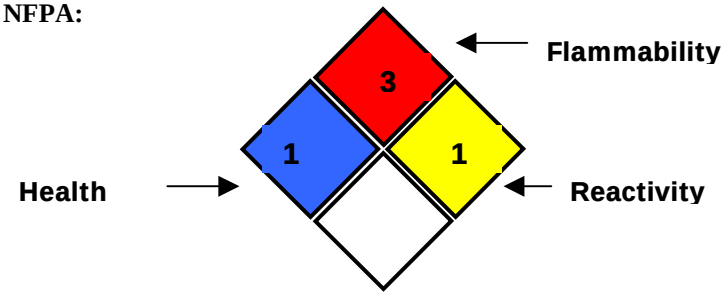
International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Acetone CAS# 67-64-1 is on the DSL List. WHMIS = n/da Ethyl Acetate CAS# 141-78-6 is on the DSL List. WHMIS = n/da Isobutyl Acetate CAS# 110-19-0 is on the DSL List. WHMIS = n/da Lanolin CAS# 8006-54-0 is on the DSL List. WHMIS = n/da
EINECS: European Inventory: 	**Remover with Acetone** • HAZARD SYMBOLS: **Xi:** *Irritant,* **F:** *Highly Flammable* • RISK PHRASES: **R22:** *Harmful if swallowed,* **R36/37/38:** *Irritating to eyes, respiratory system, and skin,* **R33:** *Danger of cumulative effects.* • SAFETY PHRASES: **S7/9:** *Keep container tightly closed and in a well-ventilated place,* **S24/25:** *avoid contact with skin and eyes,* **S33:** *Take precautionary measures against static discharges,* **S36/37:** *Wear suitable protective clothing and gloves,* **S38:** *in case of insufficient ventilation, wear suitable respiratory equipment,* **S46:** *If swallowed seek medical advice immediately and show this container or label.*

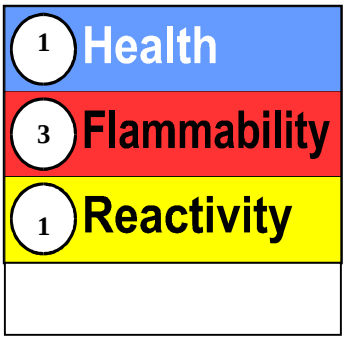
Section 16 - Other Information

Hazard Rating System (Pictograms)

NFPA:



HMIS:



Revised Sections since Last Version:	Section 2 - % changed from<,> to range, overall format update

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