SKALN CORLAN 斯卡兰防锈皂化油

1. Chemical & Company Identification 产品名称

trade name:商品命名	SKALN Corlan 斯卡兰乳化防锈切削 102 液 Corlan 102
product code:产品代码	530645
supplier:供应商	France skaln group limited 法国 skaln 集团有限公司 Room5,6F,shun on commercial building Room5、6F,顺在商业建筑 112-114 des voeux road central hong kong. 112-114 香港中环德辅道中。
routine inquiries:	+852-23329695
fax:	+852-28691896
chemical description:	Metal Working Fluid

2. Composition & Ingredients

components	cas no.	range in %
Manufactured from highly refined mineral oils with additives that may include emulsifiers, corrosion inhibitors, coupling agents and biocide	Not Available	100
Potassium soaps	Not Available	35
Sodium sulphonates	Not Available	18
Highly refined base oils	MIXED	10 - 25

Diethanolamine fatty acid amide	111422	9
Hexylene glycol	141435	3
Oxazolidine biocide	Not Available	1

3. Hazards Identification

warning statements:	OIL MIST MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT.
eyes:	Expected to cause no more than minor eye irritation characterized by tearing or a burning sensation.
oral:	If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur. Ingestion of this product and subsequent vomiting can result in aspiration into the lungs, causing chemical pneumonia and lung damage.
inhalation:	Breathing the vapour or mist may cause respiratory irritation, discomfort, or other pulmonary effects. Irritation of the nose, throat and lungs, headache, nausea, drowsiness, dizziness or unconsciousness may result from exposure to vapours or mists present in poorly ventilated or confined areas, or generated from spraying or heating the material.
skin:	Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation and discomfort, seen as local redness and swelling.
long term toxic effects:	Repeated excessive exposures to oil mists may cause respiratory damage and a condition resembling pneumonia. Contamination during use may introduce additional hazards. See Section 16 for more information. The base oil component(s) are not expected to be carcinogenic based on IARC criteria. This product has not been tested as a whole for chronic health effects. See Section 11 for additional information.

4. First Aid Measures

eyes:	Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. If irritation persists, see a doctor.
skin:	Wash skin thoroughly with soap and water. If skin irritation persists or a rash develops as a result of excessive contact, see a doctor.
ingestion:	If swallowed and person is conscious, give water or milk. DO NOT make person vomit except on advice of medical personnel. If advice cannot be obtained, take person with container and label to nearest emergency treatment center. Never give anything by mouth to an unconscious person.
inhalation:	If respiratory irritation or any signs or symptoms as described in this MSDS occur, move the person to fresh air. If any of these effects continue, see a doctor.
advice to doctor:	None Applicable.

5. Fire Fighting Measures

ignition temp. (degrees c):	Not Determined
flammable limits (% by volume):	Not Determined
flash point (degrees c):	> 100 (COC)
fire extinguishing agents:	According to the U.S. National Fire Protection Association Guide, use water fog, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to cool fire-exposed containers. If a leak or spill has not ignited, use water spray to disperse the vapours and to provide protection for persons attempting to stop the leak.
explosion hazards:	For fires involving this material, do not enter any enclosed or confined space without self-contained breathing apparatus to protect against the

hazardous effects of combustion products or oxygen deficiency.

6. Accidental Release Measures

in case of spill: Stop the source of the leak or release and contain spill if possible. Ventilate area. Use respirator and protective clothing as discussed in this MSDS. Cover spill with a generous amount of inert absorbent. Use a stiff broom to mix thoroughly. Sweep up and place in a disposable container. Scrub contaminated area with detergent and water using a stiff broom. Pick up liquid with additional absorbent and place in a disposable container. Prevent contamination of groundwater or surface water.

7. Handling & Storage

Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimised. Water contamination should be avoided.

Misuse of empty containers can be hazardous. DO NOT cut, weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

8. Exposure Control/Personal Protection

eyes: Avoid eye contact. The wearing of safety goggles or face shield is recommended during metal working operations.

skin: Exposed employees should exercise reasonable personal cleanliness; this includes cleansing exposed skin several times daily with soap and water, and laundering or dry cleaning soiled work clothing at least weekly.

inhalation: If operating conditions create airborne concentrations that are excessive and may exceed the exposure standard(s), the use of an approved respirator is recommended.

	Wear approved respiratory protection such as a toxic dust, mist and fume respirator.
ventilation:	Use adequate ventilation to keep the airborne concentrations of this material below the ACGIH TLV for mineral oil mists. Local exhaust ventilation and/or enclosure of the process is preferred in these cases.
exposure limits:	The ACGIH TLV for mineral oil mists is 5 mg/m3 for a daily 8-hour exposure. A short term exposure limit (STEL) of 10 mg/m3 is recommended.

9. Physical & Chemical Properties

note : The following data may represent a range of approximate or typical values for products in the same family. Precise technical information is provided in Product Bulletins and can be obtained from your Marketing Representative.

appearance & odor:	Brown liquid, mild odor
boiling point (deg. c):	Not Determined
vapor pr. (mmhg @ 25 deg. c):	Not Determined
density (kg/l at 15 deg. c):	1.02
vapor density (air = 1):	Not Determined
ph of undiluted product:	Alkaline
solubility (water):	Emulsifiable
percent volatile by volume:	Not Determined
evaporation:	Not Determined
viscosity (all product grades):	Not Determined

10. Stability & Reactivity

hazardous polymerizations:	DO NOT OCCUR
products of combustion:	Carbon monoxide, carbon dioxide, and aldehydes and ketones, combustion products of nitrogen or sulfur.
conditions to avoid:	Strong oxidizers such as chlorates, nitrates, peroxides, etc.

11. Toxicological Information

general:	This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, hydrocracking and hydrotreating. These oils have not been listed in the U.S. National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as carcinogenic or probably carcinogenic to humans.

12. Ecological Information

environmental effects:	No specific ecotoxicity data on this product are available. This material may present environmental risks common to oil spills. This product or a component(s) is expected to be resistant to biodegradation.

13. Disposal Considerations

waste disposal:	It is the responsibility of the user of products to determine, at the time of disposal, whether product meets criteria for hazardous waste. Product uses, transformations, mixture and processes, may render the resulting material hazardous.
remarks:	This material may present environmental risks common to oil spills. Contact your local oil spill response group and applicable government agencies if a spill occurs.

14. Transport Information

transport of dangerous goods:

UN Number:	Not Applicable
Dangerous Goods Class:	Not Applicable
Proper Shipping Name:	Not Applicable
Hazchem Code (Australia/NZ):	Not Applicable
Additional Information:	None Determined.

15. Regulatory Information

respirator information: Respirator users in Australia and New Zealand should comply with AS/NZS 1715/1716.

Where local approval authority is absent, respirator users can refer to U.S. NIOSH, European Standard EU-149, or joint Australia-New Zealand AS/NZS 1715/1716 for guidance.

16. Other Information

Thermal decomposition products may be formed during metal working operations or upon exposure to extreme heat or open flame. The products may be irritating to eyes, nose, throat and lungs. Metal oxide fumes may also be formed; exposure to fumes may cause flu-like symptoms, including nose and chest congestion, fever, tightness in the chest, and rapid heart rate. Symptoms usually disappear within several days.

Other materials should not be added to the product, emulsions or solutions unless directed. Recommended concentrations should be maintained in order to minimize any health hazards. In particular, water evaporation can lead to an increase in concentration which may result in an increased likelihood of defatting and irritation. A refractometer can be used to give a convenient check of emulsion strength.

Do not add nitrites. This product contains amines which can combine with nitrites or other nitrosating agents to form nitrosamines. Many nitrosamines have been found to cause cancer in laboratory animals.

During machining, emulsions or solutions may become contaminated with certain metals which are present in the workpieces or tools. Some of these contaminants (e.g. chromium, nickel, and cobalt) are capable of inducing allergic skin reactions, and cause an increased health risk if excessive exposure to mists occurs.

In addition, metallic particles may abrade the skin with a resultant increase in irritant effects.

Proper procedures for regular draining and cleaning of machine tool coolant systems can help obtain optimum

fluid performance and reduce bacterial spoilage.

To the best of our knowledge, the information provided in this MSDS document is correct. Access to this information is being provided via the Internet so that it can be made available to as many potential users as possible. We do not assume any liability for consequences of the use of this information since it may be applied under conditions beyond our control or knowledge. Also, it is possible that additional data could be made available after this MSDS was issued. Certain hazards are described herein, however these may not be the only hazards that exist. All materials may present unknown hazards and should be used with caution. Customers are encouraged to review this information, follow precautions, and comply with all applicable laws and regulations regarding the use and disposal of this product. For specific technical data or advice concerning this product as supplied in your country please contact your local sales representative. The final determination of the suitability of any material is the sole responsibility of the user.

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