

MATERIAL SAFETY DATA SHEET

Cororid SD - 20 (70% IPA)

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name	:	Isopropyl alcohol based surface disinfectant (70% V/V)
Chemical Formula	:	NA
CAS Number	:	NA
Synonyms	:	Isopropyl alcohol
General Use	:	Disinfectant and Sanitizer
Company Name	:	Deepak Fertilisers and Petrochemicals Corporation Limited
Address:	:	Sai Hira, Survey No. 93, Mundhwa, Pune 411036 Maharashtra, India.
Telephone no. for info.	:	+91-20-6645 8000
Date prepared	:	May 2020
Revision	:	00

SECTION 2: HAZARDS IDENTIFICATION

2.1 - Classification of substance or mixture

GHS-US Classification

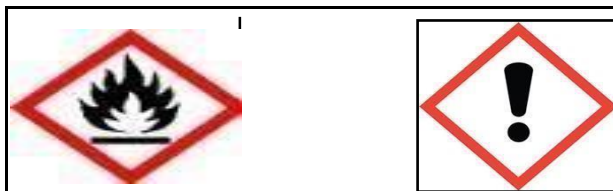
Flam. Liq. 2; H225

Eye Irrit. 2A; H319

Specific target organ toxicant (central nervous system): Category 3

2.2 Label Elements

Hazard Pictograms



Signal Word

DANGER

Hazard Statements

H226: Flammable liquid and vapor
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation

Precautionary Statements

P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No Smoking
P242: Use only non-sparking tools
P262: Do not get in eyes, on skin, or on clothing.
P272: Contaminated work clothing should not be allowed out of the workplace



MATERIAL SAFETY DATA SHEET

2.3 General Hazardous Information

Primary Entry Routes	:	Inhalation, skin eyes and ingestion
Acute Effects	:	Inhalation of vapours irritates the respiratory tract. Exposure to high concentration has a narcotic effect producing symptoms of dizziness, drowsiness, headache, staggering, unconsciousness and possibly death. May cause irritation to skin and eyes with redness and pain
Carcinogenicity	:	Not classified as human carcinogen
Chronic Effects	:	Chronic exposure may cause skin effects.
Aggravation of Pre-existing conditions	:	Persons with pre-existing skin disorders or impaired liver, kidney or pulmonary function may be more susceptible to the effects of this chemical
NFPA rating	:	Health: 1; Fire: 3; Reactivity: 0

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Composition	:	Iso Propyl Alcohol IP : 70% (v/v)
Hazardous components	:	Iso Propyl Alcohol
ACGIH TLV	:	200 ppm (TWA), 400 ppm (STEL)

SECTION 4: FIRST AID MESURES

Eyes	:	Immediately flush eyes with gentle but large stream of water for at least 15 minutes; Lifting lower & upper eyes lids occasionally, Get medical attention immediately.
Skin	:	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing & shoes. Wash clothing before reuse. Call a physician immediately.
Inhalation	:	Remove affected person from exposure & move to fresh air immediately; If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion	:	Give large amount of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.



MATERIAL SAFETY DATA SHEET

SECTION 5: FIRE FIGHTING MEASURES

Flash Point	:	21.1 °C (70° F)
Flash point method	:	Open Cup
Auto ignition temp.	:	Not available
L E L	:	2%
U E L	:	12.0%
Flammability classifn.	:	Flammable
Extinguishing media	:	Water spray, Dry chemical, Alcohol Foam or CO ₂ Water spray may be used to keep fire expose containers cool, dilute spills to non-flammable mixtures and to protect personnel attempting to stop leak and disperse vapours.

Unusual fire or explosion hazards	:	Above flash point, vapour air mixtures are explosive within flammable limits as mentioned above. Contact with strong oxidizers, may cause fire or explosion. Vapours can flow along surfaces to distant ignition source and flash back. Sensitive to static discharge.
Hazardous combustion products	:	CO ₂ and Carbon Monoxide may be formed when heated to decomposition.
Firefighting instructions	:	In the event of fire. Wear full protective clothing and self-contained breathing apparatus with full face piece.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spills	:	Isolate hazard area; keep unnecessary & unprotected personnel from entering. Shut off leaks without risk. Collect liquid in an appropriate container or absorb on sand or earth.
Containment	:	Prevents spillage from entering drains or water sources. Contain and recover liquid when possible
Clean up	:	Wash the area with water preventing run-off from entering drains.

SECTION 7: HANDLING AND STORAGE

Handling Precautions	:	Protect against physical damage; Containers should be bonded and grounded. Use non-sparking tools & equipment. Avoid breathing vapours; Avoid contact with skin & eyes. Wash thoroughly after handling.
Storage Requirements	:	Store in a cool, dry place (Temp should not be exceeded 50°C), well ventilated area away from heat source. Storage and usage area should be clarified as "No smoking Area".



MATERIAL SAFETY DATA SHEET

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	:	Provide proper ventilation so as to maintain environment below air borne exposure limit.
Respiratory Protection	:	If exposure limit is exceeded, use respiratory protection
Protective Clothing /	:	Wear impervious protective clothing including boots, gloves, apron, coveralls while handling.
Equipment	:	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Liquid
Appearance & Odour	:	Colourless liquid with characteristic odour.
Vapor Pressure @25 °C	:	Not available
Specific Gravity	:	0.860 @ 20 °C
Water Solubility	:	Miscible in water
Boiling Point °C	:	Not available
Freezing Point °C	:	Not available
Evaporation rate@ 30 °C	:	Not available

SECTION 10: STABILITY AND REACTIVITY

Stability	:	Stable under ordinary conditions of Use and Storage. Heat and sunlight can contribute to instability.
Chemical incompatibilities	:	Oxidizing agents, acetaldehyde, acids, chlorine, ethylene oxide, hydrogen-palladium combination, hydrogen peroxide-sulfuric acid combination, potassium t-butoxide, hypochlorous acid, isocyanides, nitroform, phosgene, aluminium, oleum and perchloric acid.
Conditions to Avoid	:	Heat, flames, ignition sources and incompatibles.
Hazardous Decomposition product	:	CO ₂ and Carbon Monoxide may be formed when heated to decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

TLV as per ACIGH	:	200 ppm (TWA), 400 ppm (STEL)
Acute Inhalation Effects	:	Inhalation of vapours irritates the respiratory tract. Exposure to high concentration has a narcotic effect producing symptoms of dizziness, drowsiness, headache, staggering, unconsciousness and possibly death. May cause irritation to skin & eyes with redness & pain.

SECTION 12: ECOLOGICAL INFORMATION

Prevent spillage from entering drains or water sources. After spills, wash area with water preventing run-off from entering drains. When released into water, this material may biodegrade to a moderate extent.



MATERIAL SAFETY DATA SHEET

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal : Seal the waste in vapour-tight plastic bags for eventual disposal by incineration.

SECTION: 14 TRANSPORT INFORMATION

Shipping name : ISO PROPANOL

	IATA	IMO	RID / ADR
Shipping name	ISO PROPANOL	ISO PROPANOL	ISO PROPANOL
Hazard class	3	3	3
UN Number	1219	1219	1219
Packing Group	II	II	II

DOT (UN) Transportation Information:

UN Number 1219
Response Guide 129
Hazard Class 3
Packing Group II

SECTION 15: REGULATORY INFORMATION

Acute Low Toxic / Flammable substance

SECTION 16: OTHER INFORMATION

Prepared by : SHE DEPT.

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