

SAFETY DATA SHEET (SDS)

Dyad Medical Sourcing

SECTION I - PRODUCT IDENTIFICATION

Product Trade Name: HCS Alcohol Prep Pads
Manufacturer: Dyad Medical Sourcing, LLC
2101 Waukegan Road, Suite 208
Bannockburn, IL 60015
Emergency Phone Number: 1-855-241-1773

SECTION II - HAZARD(S) IDENTIFICATION

EU Main Hazards: Highly flammable; irritation to eyes; vapor may cause drowsiness and dizziness.
Absorption: Eye contact; ingestion; inhalation; skin contact
Carcinogenic Status: Not considered carcinogenic by NTP, IARC and OSHA
Target Organs: Central nervous system; skin; eyes; liver; respiratory system
Route(s) of Entry:

Eyes: Liquid, mist or vapor will cause conjunctival irritation and possible corneal damage.
Skin: Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis. Liquid may be absorbed through the skin but not in toxicologically significant amounts, unless the contact area is large and under prolonged exposure.
Ingestion: Swallowing a small amount may have the effect of any of these symptoms: irritation of mouth, throat, digestive tract, and central nerves system depression. A large dose may have the effect of any of these symptoms: dizziness, drowsiness, headache, mental confusion, nerve damage leading to numbness and muscle weakness, fall of blood pressure, liver damage, lung damage.
Ingestion: Exposure to vapor may have the effect of any of these symptoms: irritation of nose, throat and respiratory tract, central nerve system depression. Exposure to vapor at high concentration may have the effects of any of these symptoms: dizziness, drowsiness, headache, mental confusion, lung damage, fall of blood pressure, liver damage, nerve damage leading to numbness and muscle weakness.

SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients (specific)</u>	<u>% Composition</u>	<u>CAS Number</u>
Isopropyl Alcohol (2-Propanol)	70%	67-63-0
Purified Water	30%	7732-18-5

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>%</u>
Isopropanol (CAS No. 67-63-0)	400 ppm	400 ppm	70%

NFPA: Health = 1 Flammability = 3 Reactivity = 0

SECTION IV - FIRST AID MEASURES

Eyes:	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
Skin:	Immediately flood the affected skin area with large quantity of water, preferable under a shower. Remove contaminated clothing and continue washing. Contaminated clothing should be washed thoroughly before re-use. Obtain medical attention if blistering of the skin occurs or redness persists.
Ingestion:	Do not induce vomiting. Have victim drink several large glasses of water to dilute the stomach contents. Give the victim oxygen if he/she has difficulty in breathing. Obtain medical attention immediately.
Inhalation:	Remove the victim from exposure immediately. Give the victim oxygen if he/she has difficulty in breathing. Obtain medical attention immediately.
Medical Personnel:	Monitor the victim for systemic secondary effects on liver and kidney functions. Support and treat as appropriate.

SECTION V - FIRE FIGHTING MEASURES

Flash Point:	20°C / 68°F
Boiling Point:	80°C / 176°F
Extinguishing Media:	Dry Chemical, Alcohol Resistant Foam, or Carbon Dioxide

Be aware of the possibility of re-ignition. Keep containers and surroundings cool with water spray.

Unusual Fire & Explosion Hazards:	Class 3 Flammability. Vapor can travel a considerable distance to a source of ignition and flashback. Flashback can occur if air temperature exceeds flash point. Be aware the possibility of re-ignition.
Special Fire Fighting Procedures:	Handle as flammable liquid. Use respiratory protections. Wear full protective clothing for fire fighting personnel.

SECTION VI - ACCIDENTAL RELEASE MEASURES

No data

SECTION VII - HANDLING & STORAGE

- Eliminate all sources of ignition. Store away from heat.
- Store in well ventilated area.
- Handle as flammable liquid. Follow local, state and federal regulations.
- Avoid inhaling vapor. Avoid contact with eyes, skin and clothing.
- Wear eye protection if splashing is expected.
- Wear appropriate protective clothing.
- Use respirator if exposure level is high when handling bulk liquid.
- Keep container tightly closed when not in use.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

No data

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Individually Sealed Liquid Saturated Towelette	Boiling Point:	80°C / 176°F
Color:	Clear	Vapor Pressure:	33mmHG @ 20°C
Odor:	Alcohol	Melting Point:	-31.5°C
Vapor Density:	2.1 (Air = 1)	Evaporation Rate:	N/A
Viscosity (cSt):	2.9 cps at <@2> °C	Water Solubility:	Complete
Specific Gravity:	0.8405		

SECTION X - STABILITY & REACTIVITY

Stability:	Stable under normal conditions
Conditions to Avoid:	None
Incompatibility:	None
Hazardous Decomposition or By-Product:	Oxides of carbon
Polymerization:	Will Not Occur

SECTION XI - TOXICOLOGICAL INFORMATION

No data

SECTION XII - ECOLOGICAL INFORMATION

No data

SECTION XIII - DISPOSAL CONSIDERATIONS

- Transfer into suitable containers for recovery or disposal.
- Dispose in accordance with all applicable local and nation regulations.
- Do not remove labels from container until the container has been cleaned.
- Do not cut, puncture, or weld on or near the container.
- Do not incinerate closed containers.
- Empty containers may contain hazardous residues.

SECTION XIV - TRANSPORT INFORMATION

Proper Shipping Name:	Solids Containing Flammable Liquid, n.o.s. (Isopropanol)
Product Class:	Class 4.1 with EXEMPTION A-46
Package Information:	Packing Group II
UN Identification Number:	UN 3175
IATA Exemption:	Special Provision A-46

SECTION XIV - TRANSPORT INFORMATION *(continued)*

USDOT Exemption: 49CFR172.102 Special Provision #47 and 49CFR173.4
IMDG Exemption: IMDG Code Special Provision #216

IATA Special Provision A46

Mixtures of solids which are not subject to these Regulations and Flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the substance is packaged and the packaging is leak proof. Small inner packing consisting of sealed packets containing less than 10mL of a Packing Group II or Packing Group III flammable liquid absorbed into a solid material are not subject to these regulations providing there is no free liquid in the packet.

DOT 49CFR172.102 Special Provision 47

47 Mixtures of solids that are not subject to this subchapter and flammable liquids may be transported under this entry without first applying the classification criteria of Division 4.1, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Except when the liquids are fully absorbed in solid material contained in sealed bags, each packaging must correspond to a design type that has passed a leak proof test at the Packing Group II level. Small inner packaging consisting of sealed packets and articles containing less than 10 mL of a Class 3 liquid in Packing Group II or III absorbed onto a solid material are not subject to this subchapter provided there is no free liquid in the packet or article.

DOT 49CFR173.4 Subpart A

General Provision: Small Quantity Exception.

IMDG Code Special Provision 216

Small inner packaging consisting of sealed packets and articles containing less than 10mL of a Class 3 liquid in Packing Group II or Packing Group III absorbed onto a solid material are not subject to a hazardous material / dangerous goods provided there is no free liquid in the packet or article.

SECTION XIV - REGULATORY INFORMATION

No data

SECTION XV - OTHER INFORMATION

Date of Preparation: May 2015