DSC AutoCare

VEHICLE CARE
SOLUTION
FOR INDUSTRY

PRODUCT CATALOG

DSC AUTOCARE

Product for Injection Molding

RELIABLE SOLUTIONS
FOR A STRONGER TOMORROW



HIGH PERFORMANCE | TRUSTED QUALITY | FOR INDUSTRIAL APPLICATIONS

01 SILICONE MOLD RELEASE

Paintable

Agen pelepas cetakan berbasis silikon dengan formula cepat kering yang memudahkan proses produksi, melindungi permukaan cetakan, dan menghasilkan hasil akhir sempurna yang bisa dicat.

- Easy mold release
- Fast drying formula
- Paintable surface
- Helps reduce defects





DSC Chemical

Mould Release Paintable

DSC Mould Release Paintable Paintable is a highly effective release agent producing especially fine results with hard-to-release agent producing especially fine results with hard-to-release materials such as polyurethane but can also be used as a general purpose release agent. It is formulated with pure silicone to give maximum release effect. Its low surface tension gives a maximum release effect with no sticking, spotting, or making.

Application

DSC Mould Release Paintable formulated for use in all mold applications. May be used for acrylic, cellulosic, polystryrene, polyesters, polyurethanes, rubber, various plastics, and sandscore release for metal casting.

Advantages

- Helps produce clean pieces with a fine "feel" and a high gloss surface.
- Helps prevent-sticking on straight sides or fearing of thin sections
- Helps eliminate orange peel and blisters
- Gives multiple releases; speeds cycling. Multiple releases with one application from molds of aluminium, steel, etc… cast, compression or injection. Easily applied. Speed work. Increases production. Concentrated to give more releases per applications.
- Keep molds cleaner. Will not oxidize or carbonize. Keep molds in service longer. Lengthens stripping cycle. Thin coat required will not alter mold dimensions or details

Chemical Characteristics

BOILING POINT Range	-41.4 °F to 150 °F	SPECIFIC GRAVITY (H_2O = 1)	0.76
PRESSURE PSIG @ 70 °F	56	MELTING POINT PH Liquid	N/A
DENSITY Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	>1
Solubility in water Nil		Appearance and odor Amber / Solvent	

DSC Chemical
Jl. Flaminggo 2 Cimuning, Mustika Jaya, Bekasi – Jawa Barat

DSC CHEMICAL
MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATION

TRADE NAME	**DSC Mould Release Paintable**
CHEMICAL NAME	N. Disp. – N. Avail.
FORMULA	Proprietary Formulation
CHEMICAL FAMILY	N. Disp. – N. Avail.

Section II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

MATERIAL	SPECIFY SPECIES AND ROUTE
White Petroleum	1 – 10 %
N-Hexane	50 %
Propane/Butane	40 %

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS

Section III – Physical / Chemical Characteristics

BOILING POINT Range	-41.4 °F to 150 °F	SPECIFIC GRAVITY (H_2O = 1)	0.76
PRESSURE PSIG @ 70 °F	56	MELTING POINT PH Liquid	N/A
DENSITY Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	>1
Solubility in water Nil		Appearance and odor Amber / Solvent	

Section IV – Fire and Explosion Hazard Data

FLASH POINT (Method used) Based on Hexane – 10 °F TCC	Flammable Limits	LEL 1.0	UEL
EXTINGUISHING MEDIA Use water fog dry chemical or carbon dioxide			
FIRE FIGHTING PROCEDURES Aerosol cans may rupture when heated			
FIRE AND EXPLOSION HAZARDS Heated cans may burst			

Section V – Reactivity Data

STABILITY	Unstable		Condition to Avoid
	Stable	~	High temperatures
INCOMPATIBILITY (MATERIAL TO AVOID)			
Incompatible with strong oxidizers, alkali or alkaline earth metals powdered Al, Zn, Be, etc.			
HAZARDOUS DECOMPOSITIONS OR BY PRODUCTS			
In fire, will decompose to carbon dioxide, water, hydrochloric, hidrofluoric acids, chlorine			
HAZARDOUS	May Occur		Condition to Avoid
POLYMERIZATION	Will not Occur	~	None

Section VI – Health Hazard Data

ROUTE (S) OF ENTRY	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

HEALTH HAZARDS (ACUTE AND CHRONIC)

May cause dizziness or narcosis in high vapor concentrations. Will cause deffating of skin. Effect are reversible. Long term exposure (years) to high concentrations of vapor may cause Lung liver or kidney damage. The solvents listed have been reported to affect the central Nervous system.

Hexane may cause damage peripheral nerve tissue

May cause frostbite. Vapor reduces oxygen available for breathing and is heavier than air.

May cause cardiac abnormalities

CARCINOGENICITY	NTP?	IARC Monographs?	OSHA Regulated?
		Presently not on any list	

SIGNS AND SYMPTOMS OF EXPOSURE

Inhalation – Difficulty in breathing. Skin – redness. Ingestion – vomiting.

MEDICAL CONDITIONS

Generally Aggravated by Exposure : Hearth Disease: Respiratory Disorders.

EMERGENCY AND FIRST AID PROCEDURES

Give oxygen – Do not induce vomiting – Gastric lavage – Wash eyes and skin with water.

Section VII – Precautions for Save handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous Waste.

WASTE DISPOSAL METHOD

Dispose as hazardous waste in accordance with EPA RCRA

PRECAUTIONS TO BE TAKEN HANDLING AND STORING

Keep away from heat, sparks, or open flame. Store at temperatures below 120 ^{o}F

OTHER PRECAUTIONS : When spraying more than one half can consecutively or more than one Can consecutively, use NIOSH approved respirator.

Section VIII – Control Measures

RESPIRATORY PROTECTION (SPECIFY TYPE)

Self contained breathing apparatus if above TLV limit exceeding.

Ventilation	Local Exhaust	Special
	Yes	None
	Mechanical (General)	Other
	None	None

PROTECTIVE GLOVES	EYE PROTECTION
None required if spraying	Wear eye protection
OTHER PROTECTIVE CLOTHING	Long sleeve and long pants

Work/Hygienic Practices : Do not smoke while using. Wash hands after use.

02 SILICONE MOLD RELEASE

NON-PAINTABLE

Agen pelepas cetakan berbasis silikon untuk membantu proses pelepasan cetakan, melumasi permukaan, dan mempercepat proses produksi.

- Mudah melepas cetakan
- Formula cepat kering
- Performa pelumasan tinggi
- Membantu mengurangi lengket





DSC Chemical

Mould Release

Product Description

DSC Mould Release is material liberator packed print in aerosol form .

- No decomposes to form carbon mold . Maintenance And cleaning mold reduced . No change light color even though .
- Raise amount production because prevent the occurrence attachments .
- Common products Work on temperature low and also high , no gummy , no poisonous And Can used on humidity tall .
- Made from silicone base .

Application

- Goods from rubber like tire shoes and tools electricity .
- Mold glass
- Plastic, melamine, polys molds almost all type plastic .
- Place And spreader glue .

How To Use

- Can shaken formerly enough .
- Spray toward surface with distance approximately 15-20 cm from surface the .
- For avoid blockage on hole sprayer , preferably after Usage come back can the And spray until clean gas comes out .

Chemical Characteristics

BOILING POINT Range	-41.4 °F to 159 °F	SPECIFIC GRAVITY (H_2O = 1)	1.1
PRESSURE PSIG @ 70 °F	56	MELTING POINT PH Liquid	N/A
DENSITY Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	>1
Solubility in water Nil		Appearance an Odor Amber / Solvent	

DSC Chemical

Jl. Flaminggo 2 Cimuning, Mustika Jaya, Bekasi – Jawa Barat

DSC CHEMICAL

MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATION

TRADE NAME	**Silicone Mould Release**
CHEMICAL NAME	N. Disp. - N. Avail.
FORMULA	Proprietary Formulation
CHEMICAL FAMILY	N. Disp. - N. Avail.

Section II – HAZARDOUS INGRDIENTS / IDENTITY INFORMATION

MATERIAL	SPECIFY SPECIES AND ROUTE
Silicone	1 – 10 %
Hexsane	10 – 20 %
Dichlorofluoroethane	40 – 50 %
Chlorodifluoramethane	30 – 40 %

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS

Section III – Physical / Chemical Characteristics

BOILING POINT Range	-41.4 °F to 159 °F	SPECIFIC GRAVITY (H_2O = 1)	1.1
PRESSURE PSIG @ 70 °F	56	MELTING POINT PH Liquid	N/A
DENSITY Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	>1
Solubility in water Nil		Appearance an Odor Amber / Solvent	

Section IV – Fire and Explosion Hazard Data

FLASH POINT (Method Used)	Flammable Limits	LEL	UEL
Based on Hexane – 10 °F TCC		1.0	

EXTINGUISHING MEDIA

Use water fog, dry chemical or carbon dioxide

FIRE FIGHTING PROCEDURES

Aerosol cans may rupture when heated

FIRE AND EXPLOSION HAZARD

Heated cans may burst

Section V – Reactivity Data

STABILITY	Unstable		Condition to Avoid
	Stable	~	High temperatures
INCOMPATIBILITY (MATERIAL TO AVOID)			
Incompatible with strong oxidizers, alkali or alkali earth metals-powdered Al, Zn, Be, etc			
HAZARDOUS DECOMPOSITION OR BY PRODUCTS			
In fire, will decompose to carbon dioxide, water, hydrochloric or hydrofluoric acids, chlorine.			
HAZARDOUS	May Occur		Condition to Avoid
POLYMERIZATION	Will not Occur	~	None

Section VI – Health hazard Data

ROUTE (S) OF ENTRY	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes
HEALTH HAZARDS (ACUTE AND CHRONIC)			
May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.			
Hexane may damage peripheral nerve tissue			
May cause frostbite. Vapor reduces oxygen available for breathing and is heavier than air.			
May cause cardiac abnormalities.			
CARCINOGENICITY	NTP?	IARC Monographs?	OSHA Regulated?
		Presently not on any list	
SIGNS AND SYMPTOMS OF EXPOSURE			
Inhalation – Difficulty in breathing. Skin – redness. Ingestion – vomiting.			
MEDICAL CONDITIONS			
Generally Aggravated by Exposure. Hearth Disease: Respiratory Disorders.			
EMERGENCY AND FIRST AID PROCEDURES			
Give oxygen – Do not induce vomiting – Gastric lavage –Wash eyes and skin with water.			

Section VII – Precautions for Save Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous Waste.
WASTE DISPOSAL MENTHOD
Dispose as hazardous waste in accordance with EPE RCRA
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep away from heat, sparks, or open flame. Store at temperatures below 120 ^{o}F
OTHER PRECAUTIONS : When spraying more than one half can consecutively more than one Can consecutively, use NIOSH approved respirator.

Section VIII – Control Measures

RESPIRATORY PROTECTION (SPECIFY TYPE)		
Self contained breathing apparatus if above TLV limit exceeding.		
Ventilation	Local Exhaust	Special
	Yes	None
	Mechanical (General)	Other
	None	None

PROTECTIVE GLOVES	EYE PROTECTION
None required if spraying	Wear eye protection
OTHER PROTECTIVE CLOTHING	Long sleeve and long pants
Work/Hygienic Practices : Do not smoke while using. Wash hands after use.	

03 MOLD CLEANER

FAST DRYING MOLD SURFACE CLEANER

Pembersih permukaan cetakan yang membantu mengangkat minyak, gemuk, dan residu dengan formula cepat kering.

- Mengangkat minyak dan residu
- Formula cepat kering
- Aman untuk permukaan cetakan logam
- Membantu menjaga kebersihan cetakan





DSC Chemical

Mould Cleaner

Description

DSC Mould Cleaner is a bland of powerful solvent to clean mould, dies and many kind of metal from a wide range of oils, greases, waxes, resins, tars and flushes away dust, dirt and moisture.

Aerosol product should be shake well before use spray onto surface to dissolve greases, oils, tars, and fahs out dirt and carbon. To obtain maximum cleaning effect.

Specification

DSC Mould Cleaner non conductive, non corrosive and non flammable, which may be sprayed directly into operating equipment.

DSC Mould Cleaner, slow uniform evaporations, works more effective, percent moisture formation and cut maintenance lost.

Applications ;

Recommended for mould, dies and metal working.

Chemical Characteristics

BOILING POINT Range	32 °F to 390 °F	SPECIFIC GRAVITY (H_2O = 1)	1.1
VAPOR PRESSURE PSIG @ 70 °F	85	MELTING POINT PH Liquid	N/A
VAPOR DENSITY Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	>1
Solubility in water Nil		Appearance and Odor Clear / Solvent	

DSC Chemical

Jl. Flaminggo 2 Cimuning, Mustika Jaya, Bekasi – Jawa Barat

DSC CHEMICAL

MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATIONS

TRADE NAME	**DSC Mold Cleaner**
CHEMICAL NAME	N. Disp. – N. Avail
FORMULA	Proprietary Formulation
CHEMICAL FAMILY	N. Disp. – N. Avail.

Section II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

MATERIAL	SPECIFY SEPCIES AND ROUTE
Dichlorofluaroethane	>24 %
Isoparaffinic Hydrocarbon	>24 %
Perchloroethyline	>48 %
Carbon Dioxide	3 %

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS

Section III – Physical / Chemical Characteristics

BOILING POINT Range	32 °F to 390 °F	SPECIFIC GRAVITY (H_2O = 1)	1.1
VAPOR PRESSURE PSIG @ 70 °F	85	MELTING POINT PH Liquid	N/A
VAPOR DENSITY Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	>1
Solubility in water Nil		Appearance and Odor Clear / Solvent	

Section IV – Fire and Explosion Hazard Data

FLASH POINT (Method Used)	Flammable limits	LEL	UEL
120 °F TCC		0.6	15.1

EXTINGUISHING MEDIA

Use water fog, dry chemical or carbon dioxide

FIRE FIGHTING PROCEDURES

Aerosol cans may rupture when heated

FIRE AND EXPLOSION HAZARDS

Heated cans may burst

Section V – Reactivity Data

STABILITY	Unstable		Condition to Avoid
	Stable	~	High temperatures

INCOMPATIBILITY (MATERIAL TO AVOID)
Incompatibility with strong oxidizers, Caustics

HAZARDOUS DECOMPOSITION OR BY PRODUCTS
Infire,will decompose to carbon dioxide,water,Hidrogen floride,hydrogen chloride,chlorine,phosgen

HAZARDOUS	May Occur		Condition to Avoid
PPLIMERIZATION	Will not Occur	~	None

Section VI– Health Hazard Data

ROUTE (S) OF ENTRY	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

HEALTH HAZARDS (ACCUTE AND CHRONIC)
May cause dizziness or narcosis in high vapor concentrations. Will cause deffating of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.

Aspiration hazard if swallowed. Eye and skin irritant. Eye irritation may be severe. May irritate respiratory tract.

May cause cardiac abnormalities, vapor reduces oxygen avilable for breathing.

Perclhloroethylene may cause solven and brain damage.

CARCINOGENICITY	NTP?	IARC Monographs	OSHA Regulated?
		Presently not on any list	

SIGNS AND SYMPTOMS OF EXPOSURE
Inhalation – Difficulty in breathing. Skin – redness. Ingestion – vomiting.

MEDICAL CONDITIONS
Generally Aggravated by Exposure :Heart Disease: Respiratory Disorders.

EMERGENCY AND FIRST AID PROCEDURES
Give oxygen – Do not induce vomiting – Gastric lavage – Wash eyes and skin with water.

Section VII – Precautions for Save Handling and Use

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Use absorbnt sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

WASTE DISPOSAL METHOD
Dispose as hazardous waste in accordance with EPA RCRA

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep away from heat, sparks, or open flame. Store at temperatures below 120 ^{o}F.

OTHER PRECAUTIONS : When sprying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator.

Section VIII – Control Measures

RESPIRATORY PROTECTION (SPECIFY TYPE)
Self contained breathing apparatus if above TLV limit exceeding

Ventilation	Local Exhaust	Special
	Yes	None
	Mechanical (General)	Other
	None	None

PROTECTIVE GLOVES	EYE PROTECTION
Rubber gloves or nonporous hand protection	Chemical goggles or face shield
OTHER PROTECTIVE CLOTHING	Long sleeve and long pants

Work/Hygienic Practices : Do not smoke while using. Wash hands after use.

04

METAL RUST PREVENTIVE

PROTECTS METAL • PREVENTS RUST
LONG LASTING

Pelapis pelindung logam yang dirancang untuk mencegah karat dan korosi, memberikan perlindungan tahan lama pada berbagai permukaan logam.

- Melindungi dari karat dan korosi
- Mengusir kelembapan dan meninggalkan lapisan pelindung
- Aman digunakan pada berbagai permukaan logam
- Ideal untuk penyimpanan dan transportasi





DSC Chemical

Metal Rust Preventive

DSC Mould Release Paintable is a compound deterrent encapsulated corrosion in easy can used . Product This to form a layer transparent (see through view) the White one which is basically effective can prevent rust and all form corrosion on all type surfaces metal , smooth and also rough .

Application

- Protection physique given by material chemistry stand corrosion the weight contained in **DSC Metal Rust Preventive** which one can penetrate area closed And remove all existing water vapor . Layer protector transparent (see through view) Then functioning as a the limits that prevent entry water vapor and reaction corrosion or penetration .

- **DSC Metal Rust Preventive** also give protection in a way amazing chemistry with material active opposite . One of them end from molecule withdrawn with strong surface metal between the other end toward compound divider the so that with thus cause a no limit can penetrated water vapor .

- Layer divider the stick with strong on surfaces And No easy peel off or cracked .

Chemical Characteristics

BOILING POINT Range	-11.7 °F to ND	SPECIFIC GRAVITY (H_2O = 1)	ND
VAPOR PRESSURE PSIG @ 70 °F	ND	MELTING POINT PH	N/A Liquid
VAPOR DENSITY Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	<1
Solubility in water Nil		Appearance and Odor Green / Yellow / Solvent	

DSC Chemical
Jl. Flaminggo 2 Cimuning, Mustika Jaya, Bekasi – Jawa Barat

DSC CHEMICAL

MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATION

TRADE NAME	**DSC Metal Rust Preventive**
CHEMICAL FAMILY	N. Disp. – N. Avail
FORMULA	Proprietary Formulation
CHEMICAL FAMILY	N. Disp. – N. Avail

Section II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

MATERIAL	SPECIFY SPECIES AND ROUTE
Isopropanol	4 %
N-Hexane	25 %
Mineral Oil	1 %
Calsium Sulfonate	1 %
Isobutane	61 %
Non - hazardous	8 %

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS

Section III – Physical / Chemical Characteristics

BOILING POINT Range	-11.7 °F to ND	SPECIFIC GRAVITY (H_2O = 1)	ND
VAPOR PRESSURE PSIG @ 70 °F	ND	MELTING POINT PH Liquid	N/A
VAPOR DENSITY Heavier than water	4.0	EVAPORATION RATE (Butyl Acetate = 1)	<1
Solubility in water Nil		Appearance and Odor Green / Yellow / Solvent	

Section IV – Fire and Explosion Hazard Data

FLASH POINT (Method Used)	Flammable Limits	LEL	UEL
-160 °F TCC		1.9	8.5

EXTINGUISHING MEDIA

Use water fog, dry chemical or carbon dioxide

FIRE FIGHTING PROCEDURES

Aerosol cans may rupture when heated

FIRE AND EXPLOSION HAZARD

Heated cans may burst

Section V – Reactivity Data

STABILITY	Unstable		Conditions to Avoid
	Stable	~	High temperatures

INCOMPATIBILITY (MATERIAL TO AVOID)

Incompatible with strong oxidizers
HAZARDOUS DECOMPOSITION OR BY PRODUCT
In fire, will decompose to carbon dioxide, water, metal oxides and sulfur compounds

HAZARDOUS	May Occur		Condition to Avoid
POLIMERIZATION	Will not Occur	~	None

Section VI – Health Hazard Data

ROUTE (S) OF ENTRY	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

HEALTH HAZARDS (ACUTE AND CHRONIC)

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system.

Aspirations hazard if swallowed. Skin and eye irritation.

Vapor may irritate nose, throat, and lungs.

CARCINOGENICITY	NTP?	IARC Monographs?	OSHA Regulated?
		Presently not on any list.	

SIGNS AND SYMPTOMS OF EXPOSURE

Inhalation – Difficulty in breathing. Skin – redness. Ingestion – vomiting

MEDICAL CONDITIONS

General aggravated by Exposure. Heart Disease: Respiratory Disorders.

EMERGENCY AND FIRST AID PROCEDURES

Give oxygen – Do not induce vomiting – Gastric lavage – Wash eyes and skin with water.

Section VII – Precautions for Save Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

WASTE DISPOSAL METHOD

Dispose as hazardous waste in accordance with EPA RCRA

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks, or open flame. Store at temperature below 120 ^{o}F

OTHER PRECAUTIONS : When spraying more than one half can consecutively or more than one Can consecutively, use NIOS approved respirator.

Section VIII – Control Measures

RESPIRATORY PROTECTION (SPECIFY TYPE)

Self contained breathing apparatus if above TLV limit exceeding.

Ventilation	Local Exhaust	Special
	Yes	None
	Mechanical (General)	Other
	None	None

PROTECTIVE GLOVES	EYE PROTECTION
None required if spraying	Wear eye protection
OTHER PROTECTIVE CLOTHING	Long sleeve and long pants

Work/Hygienic Practices : Do not smoke while using. Wash hands after use.

05 PENETRATING OIL

FAST ACTING RUST LOOSENER

Pelumas penetran dengan daya kerja **cepat** untuk melonggarkan bagian yang berkarat dan macet, melindungi dari kelembapan, serta mengurangi gesekan.



- Melonggarkan bagian berkarat dan macet
- Menembus celah sempit dengan cepat
- Mengurangi derit dan gesekan
- Melindungi logam dari kelembapan



DSC Chemical

Penetrating Oil

URAIAN

DSC PENETRATING OIL dibuat khusus untuk mempermudah menghilangkan karat dan kerak yang melekat kuat atau menyatu pada dua bagian logam. Melepaskan baut dan mur yang telah menyatu (macet) karena karat dalam waktu yang singkat.

DSC PENETRATING OIL adalah kombinasi dari berbagai jenis bahan aktif yang dibutuhkan agar mampu mengadakan penetrasi (penembusan), lubrikasi – pelumasan pembersihan dan pelindungan terhadap logam.

DSC PENETRATING OIL mampu menembus ke dalam lapisan karat, membersihkan, dan menghilangkan kerak karat. Kemudian merambat ke permukaan logam, memberikan lapisan proteksi agar terhindar dari gangguan korosi kelembaban. Alumunium, metal, glass, keramik, Brass, dll. Yang biasanya ada dibeberapa perusahaan casting, Forging, Welding, Steel mills, dan Fabrication.

Keunggulan

- Menembus dan menghilangkan dengan cepat kerak karat dan korosi
- Tidak mengandung bahan acid
- Menghilangkan debu, minyak / gemuk / oli dan kotoran yang melekat
- Mencegah dan menghilangkan kerusakan / patah dua bagian yang menyatu karena kerak karat pada saat pelepasan.

Penggunaan

DSC PENETRATING OIL adalah produk serba guna untuk berbagai kebutuhan perawatan pada tractor, alat – alat berat, automotive, pumps, mesin – mesin, engsel, perkapalan, bengkel, dll.

Cara pemakaian

Semprotkan **DSC PENETRATING OIL** atau kuaskan dengan merata pada bagian yang akan dibersihkan, biarkan beberapa saat agar produk meresap ke dalam lapisan kerak karat.

Penanganan

Simpan produk di tempat yang teduh dan kering.

DSC Chemical

Jl. Flaminggo 2 Cimuning, Mustika Jaya, Bekasi – Jawa Barat

DSC CHEMICAL

MATERIAL SAFETY DATA SHEET

Section I – PRODUCT IDENTIFICATION

TRADE NAME	DSC Penetrating Oil
CHEMICAL NAME	N.Disp – N.Avail
FORMULA	Proprietary formulation
CHENICAL FAMILY	N.Disp – N.Avail

Section II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

MATERIAL	SPECIFY SPECIES AND ROUTE
Petroleum Oil	1 - 10 %
Paraffinic Process Oil	10 - 20 %
Safrasol oil / White spirite	50 – 60 %
Propane / Isobutane / n - Butane	20 – 30 %

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS

Section III – PHYSICAL / CHEMICAL CHARACTERISTIK

BOILING POINT Range	-40°F to >600°F	SPECIFIC GRAVITY (H_2O = 1)	0,7
VAPOR PRESSURE PSIG @70° F	54	MELTING POINT PH Liquid	N/A
DENSITY	4,0	EVAPORATION RATE (Butyl Acetate = 1)	<1
SOLUBILITY IN WATER Nil		APPEARANCE AND ODOR Amber / Solvent	

Section IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) -142°F TCC	Flammable Limits	LEL 1,8	UEL 9,5

EXTINGUISHING MEDIA
Use water fog, dry chemical or carbon dioxide

FIRE FIGHTING PROCEDURES
Aerosol cans may rupture when heated

FIRE AND EXPLOSION HAZARDS
Heated cans may burst

Section V – REACTIVITY DATA

STABILITY	UNSTABLE	( )	CONDITIONS TO AVOID High temperatures
	STABLE	(~)	

INCOMPATIBILITY (MATERIAL TO AVOID)
Incompatible with strong oxidizers, acids, alkalis

HAZARDOUS DECOMPOSITION OR BY PRODUCT In fire, will decompose to carbon dioxide, water, pyrolisis products.			
HAZARDOUS POLYMERIZATION	MAY OCCUR	( )	CONDITION TO AVOID NONE
	WILL NOT OCCUR	(~)	

Section VI – HEALTH HAZARD DATA

ROUTE (S) OF ENTRY	Inhalation ?	Skin ?	Ingestion ?
	Yes	Yes	Yes

HEALTH HAZARD (ACUTE AND CHRONIC)

May cause dizziness or narcosis in high vapor concentrations. Will cause deffating of skin. Effect are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Aspiration hazard if swallowed. Eye and skin irritation
May irritate respiratori tract.

CARCINOGENICITY	NTP ?	IARC Monographs ?	OSHA Regulated ?
	Presently not on any list		

SIGN AND SYMPTOMS OF EXPOSURE
Inhalation – Difficulty in breathing. Skin – redness. Ingestion – vomiting

MEDICAL CONDITIONS
Generally Aggravated by Exposure. Hearth Disease : Respiratory Disorders

EMERGENCY AND FIRST AID PROCEDURES
Give oxygen – do not induce vomiting – Gastric lavage – Wash eyes and skin with water.

Section VII – PRECAUTIONS FOR SAVE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

WASTE DISPOSL METHOD
Dispose as hazardous waste in accordance with EPA RCRA

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep away from heat, sparks, or open flame. Store at temperatures below 120^{o}F

OTHER PRECAUTIONS : When spraying more than one half can continuosly or more than one can consecutively, use NIOSH approved respirator.

Section VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFI TYPE)
Self contained breathing apparatus if above TLV limit exceeding

VENTILATION	Local Exhaust	Special
	Yes	None
	Mechanical (General)	Other
	None	None

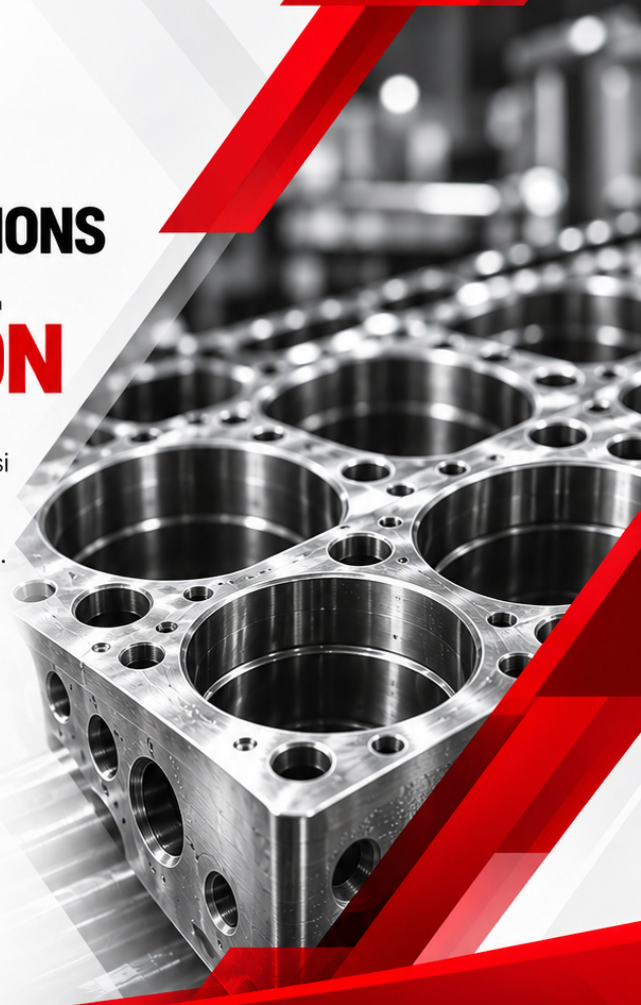
PROTECTIVE GLOVES	EYE PROTECTION
Non required if spraying	Wear eye protection
OTHER PROTECTIVE CLOTHING	Long sleeve and long pants

Work / Hygienic practices : do not smoke while using . Wash hands after use

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