Safety Data Sheet
acc. to OSHA HCS

Date of issue: 09/22/2026 **Version Number 1.1** **Reviewed on 09/22/2026**

*

1 Identification

Product identifier

Trade name: ***Pieri®DRC 6/100 (formerly EXP 2091)***

Other means of identification

SDS ID Number: SD30503

Relevant identified uses of the substance or mixture, and uses advised against:

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Chryso, Inc.
12770 Merit Drive, Suite 750
Dallas, TX 75251 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:

Customer Service
+1-877-423-6491
Safety Data Sheets
sds.chryso@saint-gobain.com

Emergency telephone number:

Transport Emergency: Chemtrec: +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

Flammable liquids 3	H226 Flammable liquid and vapor.
Eye irritation 2A	H319 Causes serious eye irritation.
Specific target organ toxicity (single exposure) 3	H336 May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure) 2	H373 May cause damage to the large intestine through prolonged or repeated exposure.

Label elements:

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

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Hazard pictograms

GHS02 GHS07 GHS08

Signal word Warning

Hazard-determining components of labeling:
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
Amines, N-tallow alkyltrimethylènedi-, oleates

Hazard statements
Flammable liquid and vapor.
Causes serious eye irritation.
May cause drowsiness or dizziness.
May cause damage to the large intestine through prolonged or repeated exposure.
Precautionary statements
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Ground / bond container and receiving equipment.
Use explosion-proof [electrical/ventilating/lighting] equipment.
Use non-sparking tools.
Take action to prevent static discharge.
Do not breathe dust/fume/gas/mist/vapors/spray.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Call a poison center/doctor if you feel unwell.
Get medical advice/attention if you feel unwell.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use CO2, powder or water spray to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard description: Flammable

Hazard Classification:
NFPA ratings (scale 0 - 4)

Health = 2
Fire = 3
Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 2
Flammability = 3
Reactivity = 0

Classification according to (d)(1)(ii) of § 1910.1200
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

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Hazards not otherwise classified
There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

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3 Composition/information on ingredients

Chemical characterization: Mixture

Hazardous components:		
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	15-40%
77-92-9	Citric acid	5-10%
13463-67-7	Titanium dioxide	3-7%
112926-00-8	Silica, amorphous, precipitated and gel	1-5%
61791-53-5	Amines, N-tallow alkyltrimethylènedi-, oleates	1-5%
5949-29-1	Citric acid monohydrate	1-5%

4 First-aid measures

Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

After inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing.

After skin contact:
Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact: Rinse cautiously with water for several minutes.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Immediately call a doctor.

Most important symptoms and effects, both acute and delayed Irritating to eyes.

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture
During heating or in case of fire poisonous gases are produced.

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Combustion products can include toxic gases such as carbon monoxide and smoke.

Advice for firefighters

Protective equipment: Wear personal protective equipment.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Environmental precautions:

Prevent seepage into sewage system, workpits and cellars.
Do not allow product to enter sewers or other watercourses. Do not allow undiluted or large quantities of product to enter groundwater, water courses or drains.

Methods and material for containment and cleaning up:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Precautions for safe handling

Prevent formation of aerosols.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.
Avoid contact with eyes, skin and clothing.
Do not take internally.
Practice good personal hygiene to avoid ingestion.
Use only with adequate ventilation.
Wash clothing before reuse.
FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

Information about protection against explosions and fires:

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Empty containers may retain hazardous residue, both liquid and vapor.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Use only with adequate ventilation. Forced ventilation is necessary in pits and poorly ventilated areas.

Ground/bond container and receiving equipment.

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Conditions for safe storage, including any incompatibilities

Storage:
Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Keep respirator available.

Further information about storage conditions:

Protect from frost.

Store in a dry place.

Keep receptacle tightly sealed.

Keep cool.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Control parameters

Components with limit values that require monitoring at the workplace:
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

13463-67-7 Titanium dioxide	
PEL	Long-term value: 15* mg/m³ *total dust
REL	See Pocket Guide App. A
TLV	Long-term value: 0.2* 2.5** mg/m³ resp. fraction, *nanoscale,**finescale, A3
112926-00-8 Silica, amorphous, precipitated and gel	
PEL	20mppcf or 80mg/m3 /%SiO2
REL	Long-term value: 6 mg/m³ See Pocket Guide App. C
TLV	TLV withdrawn

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Appropriate engineering controls No further data.

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

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Protection of hands:
Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves
Rubber or other impervious gloves should be worn to prevent skin contact.

Nitrile rubber

Eye protection:

Safety glasses with side shield protection.

A face shield should also be worn if there is potential exposure to splash or spray.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties

General Information	
Physical state	Liquid
Color:	Yellow
Odor:	Characteristic
Melting point/Freezing point:	Undetermined
Flammability:	Flammable.
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Flash point:	23 °C (73.4 °F)
Method:	
Auto igniting:	>230 °C (>446 °F)
pH-value (~):	Not determined
Viscosity:	
Kinematic at 40 °C (104 °F):	>20.5 mm²/s
Dynamic:	Not determined
Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
Partition coefficient (n-octanol/water):	Not determined
Vapor pressure:	
Density: (~) at 20 °C (68 °F)	1 g/cm³ (8.345 lbs/gal)
Vapor density	Not determined
Particle characteristics	Not applicable

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Other information

Appearance:
Form: Liquid
Important information on protection of health and environment, and on safety.
Ignition temperature: Not determined
Danger of explosion: In use, may form flammable/explosive vapor-air mixture.
Change in condition
Evaporation rate Not determined

10 Stability and reactivity

Reactivity
Stable under normal conditions.
No further relevant information available.

Chemical stability
Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions
No dangerous reactions known.
No further relevant information available.

Conditions to avoid
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:		
64742-48-9 Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics		
Dermal	LD50	>5,000 mg/kg (rat)
	LD50	>3,000 mg/kg (rabbit)
77-92-9 Citric acid		
Dermal	LD50	6,730 mg/kg (rat)
13463-67-7 Titanium dioxide		
Oral	LD50	>5,000 mg/kg (rat)
61791-53-5 Amines, N-tallow alkyltrimethylènedi-, oleates		
	LC50, 96h	>0.1-1 mg/l (fish) (Test Guideline 203) "Duomeen TDO" SDS, supplier: AkzoNobel, document version 5.0, issue date 13.07.2016

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Primary irritant effect:

on the eye: Causes serious eye irritation.

Ingestion: May cause damage to the large intestine through prolonged or repeated exposure.
Additional Toxicological Information: Has a narcotizing effect.
Interactive effects No interactive effects between components are known.

IARC (International Agency for Research on Cancer) Human Carcinogenicity: Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable		
13463-67-7	Titanium dioxide	2B
112926-00-8	Silica, amorphous, precipitated and gel	3

NTP (National Toxicology Program) K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic
None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients are listed.

Alternative sources for toxicological information
No non-standard sources for toxicological information where used.

12 Ecological information

Toxicity

Aquatic toxicity:	
61791-53-5 Amines, N-tallow alkyltrimethylènedi-, oleates	
EC50, 72h	>0.01-0.1 mg/l (algae) "Duomeen TDO" SDS, supplier: AkzoNobel, document version 5.0, issue date 13.07.2016
EC50, 48h	>0.1-1 mg/l (daphnia magna) "Duomeen TDO" SDS, supplier: AkzoNobel, document version 5.0, issue date 13.07.2016

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Results of PBT and vPvB assessment

PBT: Not applicable
vPvB: Not applicable

Additional ecological information:

General notes: Not known to be hazardous to water.

13 Disposal considerations

Disposal methods:

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

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Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.
Dispose of contents/container in accordance with local/regional/national/international regulations.

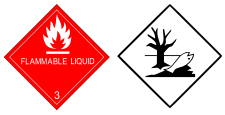
14 Transport information

UN-Number
DOT, IMDG, IATA UN1866

UN proper shipping name
DOT Resin solution
IMDG RESIN SOLUTION, MARINE POLLUTANT
IATA RESIN SOLUTION

Transport hazard class(es)

DOT



Class 3 Flammable liquids
Label 3

IMDG

Class 3 Flammable liquids
Label 3

IATA

Class 3 Flammable liquids
Label 3

Packing group
DOT, IMDG, IATA III

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Environmental hazards:

Marine pollutant: Yes (DOT)
Symbol (fish and tree)
Special marking (ADR): Symbol (fish and tree)

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

Transport/Additional information:

DOT
Quantity limitations On passenger aircraft/rail: 60 L
On cargo aircraft only: 220 L
Remarks: Special marking with the symbol (fish and tree).

IMDG
Limited quantities (LQ) 5L
Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

Special precautions for user

Warning: Flammable liquids
Hazard identification number (Kemler code): 30
EMS Number: F-E,S-E
Stowage Category A

UN "Model Regulation":

UN 1866 RESIN SOLUTION, 3, III, ENVIRONMENTALLY HAZARDOUS

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15 Regulatory information

Other regulations in domestic and foreign countries

SARA (Superfund Amendments and Reauthorization Act)

Section 302/304 (extremely hazardous substances):
None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):
None of the ingredients is listed.

North America Chemical Inventory Status

TSCA (Toxic Substances Control Act - United States): (Substances not listed)
All ingredients are listed or exempt from listing unless otherwise noted below.

Canadian Domestic Substances List (DSL): (Substances not listed.)
All ingredients are listed or exempt from listing unless otherwise noted below.

Right to Know Ingredient Disclosure:

65997-05-9	Rosin, polymerized
14431-43-7	Dextrose monohydrate
8006-54-0	Lanolin

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California Proposition 65: (Substances <0.1% unless noted in Section 3)

Chemicals known to cause cancer:
Carbon black

Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.

Chemicals known to cause developmental toxicity:
None of the ingredients are listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards. 359.2 g/l / 3.00 lb/gal

Per- and polyfluoroalkyl substances (PFAS)
None of the ingredients are listed.

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16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:

CHRYSO France
7 rue de l'Europe. 45300.
SERMAISES DE LOIRET.
France

Tel: +(33)2 38 34 58 00
Fax: +(33)2 38 39 01 72

Other Information:
Method used for the classification according to the directive 99/45/CE for the mixture : calculation

Date of previous version 06/11/2026

Version number of previous version: 1.0

Date of preparation 09/22/2026

The first date of preparation 12/05/2025

Number of revision times and the latest revision date 1.1 / 09/22/2026