

DRY ICE SPECIFICATION	Form No: G-08.009 Date: June 13, 2023 Rev. A Page 1 of 1
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DRY ICE SPECIFICATION

Material: Dry Ice Grade: Industrial

Typical purity Impurity Limits:

Component	Specification	unit
CO ₂	≥ 99.9	%
O ₂	<30	ppm
H ₂ O	<20	ppm
THC	< 50	ppm

Dry ice is produced starting of liquid carbon dioxide, It is produced by expanding liquid CO₂ at atmospheric pressure. The expansion results in the formation of equal portions of gas and CO₂ snow. The CO₂ snow formed is compressed in extruders or pressed at high pressure, resulting in the manufacture of blocks or pellets.

Safety:


Safety data sheet: <https://sds.airproducts.com/>
 CAS Number: 124-38-9
 Classification according CLP regulation: not classified
 CLP Label: not applicable
 UN number: 1845
 UN Class: 9

Product information:

Product name: carbon dioxide, solid, dry ice, food grade
 Formula: CO₂
 Molecular mass: 44,01 g/mol
 Product temperature: -78,9o C
 Minimum durability: until completely used (evaporated) if keep in closed, original packaging
 Country of origin: Israel
 Dry ice sublimates at atmospheric pressure.

Packaging:

Dry ice is shipped in specially designed, isolated containers offering minimal sublimation losses, easy access and safe use.

Originator : Emad Bransi	Date: June 13, 2023	Signature: 
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