

USES OF CARBON DIOXIDE

USE	APPLICATION	
SODA MANUFACTURE	<ul style="list-style-type: none"> • SODA - Prepared by the passage of CO_2 into - water under pressure. • SOFT DRINKS - also prepared by passage of CO_2 through - water under pressure, contain in addition - sugar & flavours 	Gives a fizz - to the effervescent drinks since on opening the bottle, CO_2 escapes out - due to fall in PRESSURE.
DRY ICE (Solid CO_2)	<ul style="list-style-type: none"> • Liquid CO_2 - on sudden evaporation results in freezing and formation of solid CO_2 - DRY ICE 	Refrigerant for preservation of foods [Dry Ice freezes faster & lasts longer than ordinary ice]
BAKED FOOD (ie. Cakes & Bread)	<ul style="list-style-type: none"> • Baking Powder 	Baking powder when mixed with dough, liberates CO_2 which makes the dough - light & porous
EXTINGUISHING FIRES	<ul style="list-style-type: none"> • By means of a device called - fire extinguisher. CO_2 is non-combustible, non-supporter of combustion & heavier than air - hence cuts out fire 	Fire fighting for domestic and industrial applications
PHOTOSYNTHESIS	<ul style="list-style-type: none"> • Natural process by which green plants absorb CO_2 - in presence of sunlight & chlorophyll 	Manufacture of food - by plants in the form of glucose.