



Pulsar® Briquettes

VS

Trichlor

Composition		
Appearance	Solid white, pillow shaped briquette	White tablets, sticks, or granular form
Chlorine	65% available chlorine (minimum)	90% available chlorine. Frequent monitoring of pH and cyanuric acid concentration needed to maintain proper water balance
Classification	DOT Division 5.1 Oxidizer; NFPA 704 H:3; F:0; I:1; S:OX (Class 3)	Division 5.1 Oxidizer; NFPA 704 H:2; F:0; I:2; S:OX (Class 1)
Performance & Handling		
Maintenance	Contains a scale inhibitor designed to reduce maintenance and improve reliability of the chlorinator systems.	Low pH of decreases pH and carbonate alkalinity, increasing the chemical usage of pH+ and alkalinity increaser.
TDS	Contributes less TDS, requiring less draining of some pool volume annually.	Constant addition of CYA contributes to over stabilization and requires water replacement to counter. This is an often-overlooked operational cost, and can be difficult in drought-stricken.
pH	Requires low level of pH correction. Water is clear, bright and sparkling.	Corrosive due to low pH. Reduces the life of equipment and surfaces.
Stability	Anti-scale formulation will not cause over stabilization and will provide continuous chlorination effectively.	Adds 54 lbs of cyanuric acid per 100 lbs of trichlor (0.6 ppm CYA for every 1 ppm FC added with trichlor) to the water, decreasing chlorine's disinfecting power. Requires draining and refilling of water to control CYA concentration. MAHC recommends < 90 ppm CYA.
Chlorine Gas	Decreased risk of formation	
Strength	Averages a 1 yr. shelf life. Up to 7% loss of strength after 1 year under normal storage conditions	Due to dry form there is a longer storage life.
Transport & Storage	Up to 999 lbs. of cal-hypo can be transported with no hazmat placarding. Stackable pallets of product reduce space requirements compared to storing bulk tanks	Decomposition of trichlor can generate nitrogen trichloride, a potential hazard in confined environments.

The Splash-Free Way

- CDC reports that as many as 5,200 ER visits per year are due to pool chemical related injuries
- Pulsar® Briquettes are a dry product so no splashing (causes damage to vehicles and pump rooms) and product stays dry until water enters feeder.
- Store off the ground in cool, dry, well-ventilated areas.
- Requires minimal operator dosage adjustments since solution is produced automatically